

**Table S1.** List of resistance gene analogs (RGAs) in *Brassica cretica*, *Capsella bursa-pastoris*, and *Sinapis alba* using the in-silico prediction of RGAugury pipeline.

Species	Gene name	RGA main class	RGA subclass
<i>Sinapis alba</i>	KAF8088211.1	NLR	CN
<i>Sinapis alba</i>	KAF8084614.1	NLR	CN
<i>Sinapis alba</i>	KAF8044555.1	NLR	CN
<i>Sinapis alba</i>	KAF8048787.1	NLR	CN
<i>Sinapis alba</i>	KAF8044716.1	NLR	CN
<i>Sinapis alba</i>	KAF8068139.1	NLR	CNL
<i>Sinapis alba</i>	KAF8046585.1	NLR	CNL
<i>Sinapis alba</i>	KAF8102307.1	NLR	CNL
<i>Sinapis alba</i>	KAF8064789.1	NLR	CNL
<i>Sinapis alba</i>	KAF8080154.1	NLR	CNL
<i>Sinapis alba</i>	KAF8114000.1	NLR	CNL
<i>Sinapis alba</i>	KAF8098470.1	NLR	CNL
<i>Sinapis alba</i>	KAF8058996.1	NLR	CNL
<i>Sinapis alba</i>	KAF8116723.1	NLR	CNL
<i>Sinapis alba</i>	KAF8098474.1	NLR	CNL
<i>Sinapis alba</i>	KAF8084217.1	NLR	CNL
<i>Sinapis alba</i>	KAF8081474.1	NLR	CNL
<i>Sinapis alba</i>	KAF8101058.1	NLR	CNL
<i>Sinapis alba</i>	KAF8101775.1	NLR	CNL
<i>Sinapis alba</i>	KAF8105611.1	NLR	CNL
<i>Sinapis alba</i>	KAF8105615.1	NLR	CNL
<i>Sinapis alba</i>	KAF8105614.1	NLR	CNL
<i>Sinapis alba</i>	KAF8088207.1	NLR	CNL
<i>Sinapis alba</i>	KAF8118946.1	NLR	CNL
<i>Sinapis alba</i>	KAF8093800.1	NLR	CNL
<i>Sinapis alba</i>	KAF8111125.1	NLR	CNL
<i>Sinapis alba</i>	KAF8098363.1	NLR	CNL
<i>Sinapis alba</i>	KAF8111118.1	NLR	CNL
<i>Sinapis alba</i>	KAF8051409.1	NLR	CNL
<i>Sinapis alba</i>	KAF8101461.1	NLR	CNL
<i>Sinapis alba</i>	KAF8116607.1	NLR	CNL
<i>Sinapis alba</i>	KAF8111124.1	NLR	CNL
<i>Sinapis alba</i>	KAF8096637.1	NLR	CNL
<i>Sinapis alba</i>	KAF8087363.1	NLR	CNL
<i>Sinapis alba</i>	KAF8048790.1	NLR	CNL
<i>Sinapis alba</i>	KAF8117183.1	NLR	CNL
<i>Sinapis alba</i>	KAF8114226.1	NLR	CNL
<i>Sinapis alba</i>	KAF8062888.1	NLR	CNL
<i>Sinapis alba</i>	KAF8075667.1	NLR	CNL
<i>Sinapis alba</i>	KAF8112165.1	NLR	CNL
<i>Sinapis alba</i>	KAF8075663.1	NLR	NBS
<i>Sinapis alba</i>	KAF8116610.1	NLR	NBS
<i>Sinapis alba</i>	KAF8087782.1	NLR	NBS
<i>Sinapis alba</i>	KAF8117245.1	NLR	NBS
<i>Sinapis alba</i>	KAF8045329.1	NLR	NBS
<i>Sinapis alba</i>	KAF8092035.1	NLR	NBS
<i>Sinapis alba</i>	KAF8090023.1	NLR	NBS
<i>Sinapis alba</i>	KAF8050205.1	NLR	NL
<i>Sinapis alba</i>	KAF8090380.1	NLR	NL
<i>Sinapis alba</i>	KAF8085476.1	NLR	NL
<i>Sinapis alba</i>	KAF8117260.1	NLR	NL
<i>Sinapis alba</i>	KAF8045188.1	NLR	NL
<i>Sinapis alba</i>	KAF8048786.1	NLR	NL
<i>Sinapis alba</i>	KAF8092678.1	NLR	NL
<i>Sinapis alba</i>	KAF8090867.1	NLR	NL
<i>Sinapis alba</i>	KAF8058994.1	NLR	NL
<i>Sinapis alba</i>	KAF8115254.1	NLR	NL
<i>Sinapis alba</i>	KAF8088212.1	NLR	NL
<i>Sinapis alba</i>	KAF8086877.1	NLR	NL

<i>Sinapis alba</i>	KAF8081484.1	NLR	NL
<i>Sinapis alba</i>	KAF8087542.1	NLR	NL
<i>Sinapis alba</i>	KAF8085594.1	NLR	NL
<i>Sinapis alba</i>	KAF8092033.1	NLR	NL
<i>Sinapis alba</i>	KAF8085331.1	NLR	NL
<i>Sinapis alba</i>	KAF8101662.1	NLR	NL
<i>Sinapis alba</i>	KAF8094635.1	NLR	NL
<i>Sinapis alba</i>	KAF8087560.1	NLR	NL
<i>Sinapis alba</i>	KAF8048268.1	NLR	NL
<i>Sinapis alba</i>	KAF8097061.1	NLR	NL
<i>Sinapis alba</i>	KAF8093454.1	NLR	NL
<i>Sinapis alba</i>	KAF8117197.1	NLR	NL
<i>Sinapis alba</i>	KAF8087218.1	NLR	NL
<i>Sinapis alba</i>	KAF8117264.1	NLR	NL
<i>Sinapis alba</i>	KAF8115077.1	NLR	Other-NLR
<i>Sinapis alba</i>	KAF8084593.1	NLR	Other-NLR
<i>Sinapis alba</i>	KAF8114969.1	NLR	Other-NLR
<i>Sinapis alba</i>	KAF8092032.1	NLR	Other-NLR
<i>Sinapis alba</i>	KAF8049004.1	NLR	Other-NLR
<i>Sinapis alba</i>	KAF8114287.1	NLR	Other-NLR
<i>Sinapis alba</i>	KAF8045627.1	NLR	Other-NLR
<i>Sinapis alba</i>	KAF8051100.1	NLR	TN
<i>Sinapis alba</i>	KAF8051466.1	NLR	TN
<i>Sinapis alba</i>	KAF8079928.1	NLR	TN
<i>Sinapis alba</i>	KAF8044651.1	NLR	TN
<i>Sinapis alba</i>	KAF8087785.1	NLR	TN
<i>Sinapis alba</i>	KAF8087787.1	NLR	TN
<i>Sinapis alba</i>	KAF8111292.1	NLR	TN
<i>Sinapis alba</i>	KAF8087781.1	NLR	TN
<i>Sinapis alba</i>	KAF8099129.1	NLR	TN
<i>Sinapis alba</i>	KAF8089379.1	NLR	TN
<i>Sinapis alba</i>	KAF8111293.1	NLR	TN
<i>Sinapis alba</i>	KAF8086279.1	NLR	TN
<i>Sinapis alba</i>	KAF8089377.1	NLR	TN
<i>Sinapis alba</i>	KAF8048616.1	NLR	TN
<i>Sinapis alba</i>	KAF8074292.1	NLR	TN
<i>Sinapis alba</i>	KAF8087792.1	NLR	TN
<i>Sinapis alba</i>	KAF8077334.1	NLR	TN
<i>Sinapis alba</i>	KAF8052724.1	NLR	TN
<i>Sinapis alba</i>	KAF8084295.1	NLR	TN
<i>Sinapis alba</i>	KAF8117268.1	NLR	TN
<i>Sinapis alba</i>	KAF8087964.1	NLR	TN
<i>Sinapis alba</i>	KAF8089378.1	NLR	TN
<i>Sinapis alba</i>	KAF8090866.1	NLR	TN
<i>Sinapis alba</i>	KAF8115160.1	NLR	TNL
<i>Sinapis alba</i>	KAF8077026.1	NLR	TNL
<i>Sinapis alba</i>	KAF8117269.1	NLR	TNL
<i>Sinapis alba</i>	KAF8083605.1	NLR	TNL
<i>Sinapis alba</i>	KAF8084537.1	NLR	TNL
<i>Sinapis alba</i>	KAF8115078.1	NLR	TNL
<i>Sinapis alba</i>	KAF8087540.1	NLR	TNL
<i>Sinapis alba</i>	KAF8107619.1	NLR	TNL
<i>Sinapis alba</i>	KAF8093263.1	NLR	TNL
<i>Sinapis alba</i>	KAF8082878.1	NLR	TNL
<i>Sinapis alba</i>	KAF8054566.1	NLR	TNL
<i>Sinapis alba</i>	KAF8081015.1	NLR	TNL
<i>Sinapis alba</i>	KAF8081016.1	NLR	TNL
<i>Sinapis alba</i>	KAF8094299.1	NLR	TNL
<i>Sinapis alba</i>	KAF8085334.1	NLR	TNL
<i>Sinapis alba</i>	KAF8086735.1	NLR	TNL
<i>Sinapis alba</i>	KAF8085330.1	NLR	TNL
<i>Sinapis alba</i>	KAF8085335.1	NLR	TNL

<i>Sinapis alba</i>	KAF8107352.1	NLR	TNL
<i>Sinapis alba</i>	KAF8079927.1	NLR	TNL
<i>Sinapis alba</i>	KAF8085333.1	NLR	TNL
<i>Sinapis alba</i>	KAF8112756.1	NLR	TNL
<i>Sinapis alba</i>	KAF8087793.1	NLR	TNL
<i>Sinapis alba</i>	KAF8094300.1	NLR	TNL
<i>Sinapis alba</i>	KAF8117196.1	NLR	TNL
<i>Sinapis alba</i>	KAF8103319.1	NLR	TNL
<i>Sinapis alba</i>	KAF8102896.1	NLR	TNL
<i>Sinapis alba</i>	KAF8092526.1	NLR	TNL
<i>Sinapis alba</i>	KAF8087561.1	NLR	TNL
<i>Sinapis alba</i>	KAF8117174.1	NLR	TNL
<i>Sinapis alba</i>	KAF8044711.1	NLR	TNL
<i>Sinapis alba</i>	KAF8101661.1	NLR	TNL
<i>Sinapis alba</i>	KAF8102895.1	NLR	TNL
<i>Sinapis alba</i>	KAF8082977.1	NLR	TNL
<i>Sinapis alba</i>	KAF8113217.1	NLR	TNL
<i>Sinapis alba</i>	KAF8052281.1	NLR	TNL
<i>Sinapis alba</i>	KAF8107617.1	NLR	TNL
<i>Sinapis alba</i>	KAF8101393.1	NLR	TNL
<i>Sinapis alba</i>	KAF8102897.1	NLR	TNL
<i>Sinapis alba</i>	KAF8087558.1	NLR	TNL
<i>Sinapis alba</i>	KAF8107618.1	NLR	TNL
<i>Sinapis alba</i>	KAF8091619.1	NLR	TNL
<i>Sinapis alba</i>	KAF8085329.1	NLR	TNL
<i>Sinapis alba</i>	KAF8086734.1	NLR	TNL
<i>Sinapis alba</i>	KAF8107622.1	NLR	TNL
<i>Sinapis alba</i>	KAF8063929.1	NLR	TNL
<i>Sinapis alba</i>	KAF8118181.1	NLR	TNL
<i>Sinapis alba</i>	KAF8107623.1	NLR	TNL
<i>Sinapis alba</i>	KAF8114288.1	NLR	TNL
<i>Sinapis alba</i>	KAF8112851.1	NLR	TNL
<i>Sinapis alba</i>	KAF8090420.1	NLR	TNL
<i>Sinapis alba</i>	KAF8087559.1	NLR	TNL
<i>Sinapis alba</i>	KAF8088333.1	NLR	TNL
<i>Sinapis alba</i>	KAF8110122.1	NLR	TNL
<i>Sinapis alba</i>	KAF8103454.1	NLR	TNL
<i>Sinapis alba</i>	KAF8085338.1	NLR	TNL
<i>Sinapis alba</i>	KAF8117194.1	NLR	TNL
<i>Sinapis alba</i>	KAF8075560.1	NLR	TNL
<i>Sinapis alba</i>	KAF8113643.1	NLR	TNL
<i>Sinapis alba</i>	KAF8087049.1	NLR	TNL
<i>Sinapis alba</i>	KAF8114966.1	NLR	TNL
<i>Sinapis alba</i>	KAF8051630.1	NLR	TX
<i>Sinapis alba</i>	KAF8114188.1	NLR	TX
<i>Sinapis alba</i>	KAF8044993.1	NLR	TX
<i>Sinapis alba</i>	KAF8116992.1	NLR	TX
<i>Sinapis alba</i>	KAF8077328.1	NLR	TX
<i>Sinapis alba</i>	KAF8118622.1	NLR	TX
<i>Sinapis alba</i>	KAF8081485.1	NLR	TX
<i>Sinapis alba</i>	KAF8044634.1	NLR	TX
<i>Sinapis alba</i>	KAF8084600.1	NLR	TX
<i>Sinapis alba</i>	KAF8048254.1	NLR	TX
<i>Sinapis alba</i>	KAF8084220.1	NLR	TX
<i>Sinapis alba</i>	KAF8079625.1	NLR	TX
<i>Sinapis alba</i>	KAF8053077.1	NLR	TX
<i>Sinapis alba</i>	KAF8077018.1	NLR	TX
<i>Sinapis alba</i>	KAF8062891.1	NLR	TX
<i>Sinapis alba</i>	KAF8117581.1	NLR	TX
<i>Sinapis alba</i>	KAF8085332.1	NLR	TX
<i>Sinapis alba</i>	KAF8110078.1	NLR	TX
<i>Sinapis alba</i>	KAF8091102.1	NLR	TX

<i>Sinapis alba</i>	KAF8074230.1	NLR	TX
<i>Sinapis alba</i>	KAF8109700.1	NLR	TX
<i>Sinapis alba</i>	KAF8092034.1	NLR	TX
<i>Sinapis alba</i>	KAF8087555.1	NLR	TX
<i>Sinapis alba</i>	KAF8087525.1	NLR	TX
<i>Sinapis alba</i>	KAF8085339.1	NLR	TX
<i>Sinapis alba</i>	KAF8102891.1	NLR	TX
<i>Sinapis alba</i>	KAF8117271.1	NLR	TX
<i>Sinapis alba</i>	KAF8086733.1	NLR	TX
<i>Sinapis alba</i>	KAF8045278.1	NLR	TX
<i>Sinapis alba</i>	KAF8087217.1	NLR	TX
<i>Sinapis alba</i>	KAF8084567.1	NLR	TX
<i>Sinapis alba</i>	KAF8094551.1	NLR	TX
<i>Sinapis alba</i>	KAF8061229.1	NLR	TX
<i>Sinapis alba</i>	KAF8077327.1	NLR	TX
<i>Sinapis alba</i>	KAF8084596.1	NLR	TX
<i>Sinapis alba</i>	KAF8051322.1	NLR	TX
<i>Sinapis alba</i>	KAF8064811.1	NLR	TX
<i>Sinapis alba</i>	KAF8117262.1	NLR	TX
<i>Sinapis alba</i>	KAF8118565.1	NLR	TX
<i>Sinapis alba</i>	KAF8087783.1	NLR	TX
<i>Sinapis alba</i>	KAF8046000.1	NLR	TX
<i>Sinapis alba</i>	KAF8050416.1	NLR	TX
<i>Sinapis alba</i>	KAF8054526.1	NLR	TX
<i>Sinapis alba</i>	KAF8117263.1	NLR	TX
<i>Sinapis alba</i>	KAF8044581.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8044605.1	RLK	LRR
<i>Sinapis alba</i>	KAF8044830.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8045075.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8045097.1	RLK	LRR
<i>Sinapis alba</i>	KAF8045121.1	RLK	LRR
<i>Sinapis alba</i>	KAF8045145.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8045146.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8045147.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8045148.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8045149.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8045150.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8045175.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8045406.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8045471.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8045476.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8045724.1	RLK	LRR
<i>Sinapis alba</i>	KAF8045727.1	RLK	LRR
<i>Sinapis alba</i>	KAF8045753.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8045754.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8045774.1	RLK	LRR
<i>Sinapis alba</i>	KAF8045781.1	RLK	LRR
<i>Sinapis alba</i>	KAF8045826.1	RLK	LRR
<i>Sinapis alba</i>	KAF8045977.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8046042.1	RLK	LRR
<i>Sinapis alba</i>	KAF8046082.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8046083.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8046134.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8046138.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8046159.1	RLK	LRR
<i>Sinapis alba</i>	KAF8046254.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8046256.1	RLK	LRR
<i>Sinapis alba</i>	KAF8046393.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8046394.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8046395.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8046438.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8046613.1	RLK	LRR

<i>Sinapis alba</i>	KAF8046626.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8046873.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8046876.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8046877.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8046878.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8046896.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8046954.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8047075.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8047283.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8047285.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8047286.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8047287.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8047296.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8047306.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8047419.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8047494.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8047545.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8047590.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8047594.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8047650.1	RLK	LRR
<i>Sinapis alba</i>	KAF8047699.1	RLK	LRR
<i>Sinapis alba</i>	KAF8047710.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8047997.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8047998.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8048027.1	RLK	LRR
<i>Sinapis alba</i>	KAF8048057.1	RLK	LRR
<i>Sinapis alba</i>	KAF8048129.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8048194.1	RLK	LRR
<i>Sinapis alba</i>	KAF8048275.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8048434.1	RLK	LRR
<i>Sinapis alba</i>	KAF8048439.1	RLK	LRR
<i>Sinapis alba</i>	KAF8048467.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8048816.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8049075.1	RLK	LRR
<i>Sinapis alba</i>	KAF8049083.1	RLK	LRR
<i>Sinapis alba</i>	KAF8049134.1	RLK	LRR
<i>Sinapis alba</i>	KAF8049135.1	RLK	LRR
<i>Sinapis alba</i>	KAF8049145.1	RLK	LRR
<i>Sinapis alba</i>	KAF8049152.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8049180.1	RLK	LRR
<i>Sinapis alba</i>	KAF8049374.1	RLK	LRR
<i>Sinapis alba</i>	KAF8049426.1	RLK	LRR
<i>Sinapis alba</i>	KAF8049604.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8049745.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8049847.1	RLK	LRR
<i>Sinapis alba</i>	KAF8049912.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8049913.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8049920.1	RLK	LRR
<i>Sinapis alba</i>	KAF8049936.1	RLK	LRR
<i>Sinapis alba</i>	KAF8050044.1	RLK	LRR
<i>Sinapis alba</i>	KAF8050072.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8050073.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8050102.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8050103.1	RLK	LRR
<i>Sinapis alba</i>	KAF8050104.1	RLK	LRR
<i>Sinapis alba</i>	KAF8050156.1	RLK	LRR
<i>Sinapis alba</i>	KAF8050182.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8050199.1	RLK	LRR
<i>Sinapis alba</i>	KAF8050207.1	RLK	LRR
<i>Sinapis alba</i>	KAF8050222.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8050228.1	RLK	LRR
<i>Sinapis alba</i>	KAF8050229.1	RLK	LRR

<i>Sinapis alba</i>	KAF8050270.1	RLK	LRR
<i>Sinapis alba</i>	KAF8050319.1	RLK	LRR
<i>Sinapis alba</i>	KAF8050373.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8050383.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8050435.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8050490.1	RLK	LRR
<i>Sinapis alba</i>	KAF8050599.1	RLK	LRR
<i>Sinapis alba</i>	KAF8050616.1	RLK	LRR
<i>Sinapis alba</i>	KAF8050898.1	RLK	LRR
<i>Sinapis alba</i>	KAF8050994.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8051032.1	RLK	LRR
<i>Sinapis alba</i>	KAF8051069.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8051075.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8051096.1	RLK	LRR
<i>Sinapis alba</i>	KAF8051136.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8051159.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8051172.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8051231.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8051232.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8051299.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8051416.1	RLK	LRR
<i>Sinapis alba</i>	KAF8051453.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8051478.1	RLK	LRR
<i>Sinapis alba</i>	KAF8051686.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8051705.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8051827.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8051828.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8051848.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8051911.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8052084.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8052214.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8052271.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8052272.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8052368.1	RLK	LRR
<i>Sinapis alba</i>	KAF8052393.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8052477.1	RLK	LRR
<i>Sinapis alba</i>	KAF8052546.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8052555.1	RLK	LRR
<i>Sinapis alba</i>	KAF8052678.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8052744.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8052749.1	RLK	LRR
<i>Sinapis alba</i>	KAF8052812.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8052813.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8052845.1	RLK	LRR
<i>Sinapis alba</i>	KAF8052887.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8052888.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8052944.1	RLK	LRR
<i>Sinapis alba</i>	KAF8053345.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8053368.1	RLK	LRR
<i>Sinapis alba</i>	KAF8053444.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8053511.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8053513.1	RLK	LRR
<i>Sinapis alba</i>	KAF8053557.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8053680.1	RLK	LRR
<i>Sinapis alba</i>	KAF8053693.1	RLK	LRR
<i>Sinapis alba</i>	KAF8053832.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8053910.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8054040.1	RLK	LRR
<i>Sinapis alba</i>	KAF8054820.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8054821.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8055071.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8055134.1	RLK	Other-RLK

<i>Sinapis alba</i>	KAF8055259.1	RLK	LRR
<i>Sinapis alba</i>	KAF8055713.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8055715.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8055982.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8056422.1	RLK	LRR
<i>Sinapis alba</i>	KAF8057226.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8057305.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8057339.1	RLK	LRR
<i>Sinapis alba</i>	KAF8059007.1	RLK	LRR
<i>Sinapis alba</i>	KAF8059553.1	RLK	LRR
<i>Sinapis alba</i>	KAF8059953.1	RLK	LRR
<i>Sinapis alba</i>	KAF8060397.1	RLK	LRR
<i>Sinapis alba</i>	KAF8060448.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8061186.1	RLK	LRR
<i>Sinapis alba</i>	KAF8061219.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8061267.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8062596.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8062597.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8062600.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8062607.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8062871.1	RLK	LRR
<i>Sinapis alba</i>	KAF8063122.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8064809.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8065678.1	RLK	LRR
<i>Sinapis alba</i>	KAF8066148.1	RLK	LRR
<i>Sinapis alba</i>	KAF8068469.1	RLK	LRR
<i>Sinapis alba</i>	KAF8068506.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8069360.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8069776.1	RLK	LRR
<i>Sinapis alba</i>	KAF8069777.1	RLK	LRR
<i>Sinapis alba</i>	KAF8073271.1	RLK	LRR
<i>Sinapis alba</i>	KAF8073295.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8074393.1	RLK	LRR
<i>Sinapis alba</i>	KAF8075444.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8075480.1	RLK	LRR
<i>Sinapis alba</i>	KAF8075481.1	RLK	LRR
<i>Sinapis alba</i>	KAF8075515.1	RLK	LRR
<i>Sinapis alba</i>	KAF8075516.1	RLK	LRR
<i>Sinapis alba</i>	KAF8075517.1	RLK	LRR
<i>Sinapis alba</i>	KAF8075518.1	RLK	LRR
<i>Sinapis alba</i>	KAF8075519.1	RLK	LRR
<i>Sinapis alba</i>	KAF8075543.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8075650.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8077040.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8077064.1	RLK	LRR
<i>Sinapis alba</i>	KAF8077080.1	RLK	LRR
<i>Sinapis alba</i>	KAF8077090.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8077174.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8077189.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8077211.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8077212.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8077213.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8077216.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8077347.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8077372.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8077543.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8079542.1	RLK	LRR
<i>Sinapis alba</i>	KAF8079950.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8080065.1	RLK	LRR
<i>Sinapis alba</i>	KAF8080098.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8080140.1	RLK	LRR
<i>Sinapis alba</i>	KAF8080151.1	RLK	LRR

<i>Sinapis alba</i>	KAF8080165.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8080188.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8080192.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8080195.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8080206.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8080264.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8080361.1	RLK	LRR
<i>Sinapis alba</i>	KAF8080368.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8080475.1	RLK	LRR
<i>Sinapis alba</i>	KAF8080476.1	RLK	LRR
<i>Sinapis alba</i>	KAF8080588.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8080603.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8080624.1	RLK	LRR
<i>Sinapis alba</i>	KAF8080642.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8080655.1	RLK	LRR
<i>Sinapis alba</i>	KAF8080741.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8080815.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8080816.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8080859.1	RLK	LRR
<i>Sinapis alba</i>	KAF8080989.1	RLK	LRR
<i>Sinapis alba</i>	KAF8081036.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8081096.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8081155.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8081344.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8081345.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8081493.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8081621.1	RLK	LRR
<i>Sinapis alba</i>	KAF8081624.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8081625.1	RLK	LRR
<i>Sinapis alba</i>	KAF8081629.1	RLK	LRR
<i>Sinapis alba</i>	KAF8081804.1	RLK	Lysm
<i>Sinapis alba</i>	KAF8081855.1	RLK	LRR
<i>Sinapis alba</i>	KAF8081880.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8081949.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8081958.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8081966.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8082095.1	RLK	LRR
<i>Sinapis alba</i>	KAF8082408.1	RLK	LRR
<i>Sinapis alba</i>	KAF8082439.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8082440.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8082441.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8082442.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8082444.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8082445.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8082446.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8082447.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8082448.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8082449.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8082542.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8082673.1	RLK	LRR
<i>Sinapis alba</i>	KAF8082692.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8082693.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8082703.1	RLK	LRR
<i>Sinapis alba</i>	KAF8082704.1	RLK	LRR
<i>Sinapis alba</i>	KAF8082705.1	RLK	LRR
<i>Sinapis alba</i>	KAF8082706.1	RLK	LRR
<i>Sinapis alba</i>	KAF8082707.1	RLK	LRR
<i>Sinapis alba</i>	KAF8082723.1	RLK	LRR
<i>Sinapis alba</i>	KAF8082753.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8082754.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8082755.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8082797.1	RLK	Other-RLK



<i>Sinapis alba</i>	KAF8082914.1	RLK	LRR
<i>Sinapis alba</i>	KAF8083036.1	RLK	LRR
<i>Sinapis alba</i>	KAF8083132.1	RLK	LRR
<i>Sinapis alba</i>	KAF8083319.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8083382.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8083387.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8083388.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8083389.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8083408.1	RLK	Lysm
<i>Sinapis alba</i>	KAF8083409.1	RLK	LRR
<i>Sinapis alba</i>	KAF8083411.1	RLK	LRR
<i>Sinapis alba</i>	KAF8083413.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8083478.1	RLK	LRR
<i>Sinapis alba</i>	KAF8083492.1	RLK	Lysm
<i>Sinapis alba</i>	KAF8083604.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8083632.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8083637.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8083639.1	RLK	LRR
<i>Sinapis alba</i>	KAF8083760.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8083788.1	RLK	LRR
<i>Sinapis alba</i>	KAF8083789.1	RLK	LRR
<i>Sinapis alba</i>	KAF8083790.1	RLK	LRR
<i>Sinapis alba</i>	KAF8084036.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8084052.1	RLK	LRR
<i>Sinapis alba</i>	KAF8084053.1	RLK	LRR
<i>Sinapis alba</i>	KAF8084054.1	RLK	LRR
<i>Sinapis alba</i>	KAF8084113.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8084133.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8084271.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8084443.1	RLK	LRR
<i>Sinapis alba</i>	KAF8084514.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8084594.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8084787.1	RLK	LRR
<i>Sinapis alba</i>	KAF8084859.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8085023.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8085193.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8085212.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8085491.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8085492.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8085508.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8085672.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8085676.1	RLK	LRR
<i>Sinapis alba</i>	KAF8085722.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8085741.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8085807.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8085838.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8085879.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8085881.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8085882.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8085883.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8085884.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8085885.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8085886.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8085887.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8085888.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8086055.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8086116.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8086117.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8086163.1	RLK	LRR
<i>Sinapis alba</i>	KAF8086233.1	RLK	LRR
<i>Sinapis alba</i>	KAF8086238.1	RLK	LRR
<i>Sinapis alba</i>	KAF8086311.1	RLK	LRR

<i>Sinapis alba</i>	KAF8086456.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8086457.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8086459.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8086507.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8086538.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8086736.1	RLK	LRR
<i>Sinapis alba</i>	KAF8086780.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8086781.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8086784.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8086785.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8086798.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8086799.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8086800.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8086801.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8086862.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8086868.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8086968.1	RLK	LRR
<i>Sinapis alba</i>	KAF8087059.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8087067.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8087215.1	RLK	LRR
<i>Sinapis alba</i>	KAF8087242.1	RLK	LRR
<i>Sinapis alba</i>	KAF8087245.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8087246.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8087314.1	RLK	LRR
<i>Sinapis alba</i>	KAF8087394.1	RLK	LRR
<i>Sinapis alba</i>	KAF8087395.1	RLK	LRR
<i>Sinapis alba</i>	KAF8087571.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8087671.1	RLK	LRR
<i>Sinapis alba</i>	KAF8087893.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8087904.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8087905.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8087986.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8088030.1	RLK	LRR
<i>Sinapis alba</i>	KAF8088056.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8088085.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8088157.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8088256.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8088282.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8088326.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8088327.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8088382.1	RLK	LRR
<i>Sinapis alba</i>	KAF8088435.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8088436.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8088437.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8088804.1	RLK	LRR
<i>Sinapis alba</i>	KAF8088822.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8088834.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8089027.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8089073.1	RLK	LRR
<i>Sinapis alba</i>	KAF8089095.1	RLK	LRR
<i>Sinapis alba</i>	KAF8089097.1	RLK	LRR
<i>Sinapis alba</i>	KAF8089125.1	RLK	LRR
<i>Sinapis alba</i>	KAF8089127.1	RLK	LRR
<i>Sinapis alba</i>	KAF8089128.1	RLK	LRR
<i>Sinapis alba</i>	KAF8089129.1	RLK	LRR
<i>Sinapis alba</i>	KAF8089131.1	RLK	LRR
<i>Sinapis alba</i>	KAF8089132.1	RLK	LRR
<i>Sinapis alba</i>	KAF8089134.1	RLK	LRR
<i>Sinapis alba</i>	KAF8089271.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8089274.1	RLK	LRR
<i>Sinapis alba</i>	KAF8089316.1	RLK	LRR
<i>Sinapis alba</i>	KAF8089369.1	RLK	LRR

<i>Sinapis alba</i>	KAF8089456.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8089493.1	RLK	LRR
<i>Sinapis alba</i>	KAF8089794.1	RLK	LRR
<i>Sinapis alba</i>	KAF8089814.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8089815.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8089890.1	RLK	LRR
<i>Sinapis alba</i>	KAF8089891.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8089950.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8089979.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8089986.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8090139.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8090261.1	RLK	LRR
<i>Sinapis alba</i>	KAF8090271.1	RLK	LRR
<i>Sinapis alba</i>	KAF8090323.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8090414.1	RLK	LRR
<i>Sinapis alba</i>	KAF8090446.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8090522.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8090601.1	RLK	LRR
<i>Sinapis alba</i>	KAF8090664.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8090675.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8090676.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8090678.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8090679.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8090680.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8090687.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8090688.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8090697.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8090776.1	RLK	LRR
<i>Sinapis alba</i>	KAF8090841.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8090843.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8090927.1	RLK	LRR
<i>Sinapis alba</i>	KAF8091178.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8091180.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8091190.1	RLK	LRR
<i>Sinapis alba</i>	KAF8091352.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8091387.1	RLK	LRR
<i>Sinapis alba</i>	KAF8091437.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8091438.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8091446.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8091612.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8091613.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8091614.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8091616.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8091617.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8091622.1	RLK	LRR
<i>Sinapis alba</i>	KAF8091723.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8091788.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8091912.1	RLK	LRR
<i>Sinapis alba</i>	KAF8091913.1	RLK	LRR
<i>Sinapis alba</i>	KAF8091927.1	RLK	LRR
<i>Sinapis alba</i>	KAF8091942.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8091982.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8091992.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8091997.1	RLK	LRR
<i>Sinapis alba</i>	KAF8092163.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8092175.1	RLK	LRR
<i>Sinapis alba</i>	KAF8092265.1	RLK	LRR
<i>Sinapis alba</i>	KAF8092471.1	RLK	LRR
<i>Sinapis alba</i>	KAF8092533.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8092717.1	RLK	Lysm
<i>Sinapis alba</i>	KAF8092753.1	RLK	LRR
<i>Sinapis alba</i>	KAF8092776.1	RLK	LRR

<i>Sinapis alba</i>	KAF8092801.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8092822.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8092883.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8092948.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8093016.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8093019.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8093020.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8093021.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8093022.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8093023.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8093024.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8093091.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8093132.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8093164.1	RLK	LRR
<i>Sinapis alba</i>	KAF8093170.1	RLK	LRR
<i>Sinapis alba</i>	KAF8093180.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8093324.1	RLK	LRR
<i>Sinapis alba</i>	KAF8093507.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8093549.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8093834.1	RLK	LRR
<i>Sinapis alba</i>	KAF8093842.1	RLK	LRR
<i>Sinapis alba</i>	KAF8093843.1	RLK	LRR
<i>Sinapis alba</i>	KAF8093891.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8093935.1	RLK	LRR
<i>Sinapis alba</i>	KAF8094022.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8094052.1	RLK	LRR
<i>Sinapis alba</i>	KAF8094086.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8094102.1	RLK	LRR
<i>Sinapis alba</i>	KAF8094127.1	RLK	LRR
<i>Sinapis alba</i>	KAF8094155.1	RLK	LRR
<i>Sinapis alba</i>	KAF8094156.1	RLK	LRR
<i>Sinapis alba</i>	KAF8094336.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8094497.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8094531.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8094532.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8094539.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8094584.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8094683.1	RLK	LRR
<i>Sinapis alba</i>	KAF8094729.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8094747.1	RLK	LRR
<i>Sinapis alba</i>	KAF8094768.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8094794.1	RLK	LRR
<i>Sinapis alba</i>	KAF8094795.1	RLK	LRR
<i>Sinapis alba</i>	KAF8094796.1	RLK	LRR
<i>Sinapis alba</i>	KAF8094797.1	RLK	LRR
<i>Sinapis alba</i>	KAF8094798.1	RLK	LRR
<i>Sinapis alba</i>	KAF8095064.1	RLK	LRR
<i>Sinapis alba</i>	KAF8095306.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8095362.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8095409.1	RLK	LRR
<i>Sinapis alba</i>	KAF8095467.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8095610.1	RLK	LRR
<i>Sinapis alba</i>	KAF8095624.1	RLK	LRR
<i>Sinapis alba</i>	KAF8095625.1	RLK	LRR
<i>Sinapis alba</i>	KAF8095626.1	RLK	LRR
<i>Sinapis alba</i>	KAF8095690.1	RLK	LRR
<i>Sinapis alba</i>	KAF8095731.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8095790.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8095791.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8095794.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8095859.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8095865.1	RLK	LRR

<i>Sinapis alba</i>	KAF8095876.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8095877.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8095939.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8095940.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8095941.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8095942.1	RLK	LRR
<i>Sinapis alba</i>	KAF8095943.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8095948.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8095949.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8095950.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8096053.1	RLK	LRR
<i>Sinapis alba</i>	KAF8096107.1	RLK	LRR
<i>Sinapis alba</i>	KAF8096113.1	RLK	LRR
<i>Sinapis alba</i>	KAF8096127.1	RLK	LRR
<i>Sinapis alba</i>	KAF8096204.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8096329.1	RLK	LRR
<i>Sinapis alba</i>	KAF8096534.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8096575.1	RLK	LRR
<i>Sinapis alba</i>	KAF8096577.1	RLK	LRR
<i>Sinapis alba</i>	KAF8096684.1	RLK	LRR
<i>Sinapis alba</i>	KAF8096699.1	RLK	LRR
<i>Sinapis alba</i>	KAF8096733.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8096843.1	RLK	LRR
<i>Sinapis alba</i>	KAF8096888.1	RLK	LRR
<i>Sinapis alba</i>	KAF8096976.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8096977.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8096978.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8096988.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8097069.1	RLK	LRR
<i>Sinapis alba</i>	KAF8097402.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8097443.1	RLK	LRR
<i>Sinapis alba</i>	KAF8097448.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8097675.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8097676.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8097764.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8097816.1	RLK	LRR
<i>Sinapis alba</i>	KAF8097840.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8097919.1	RLK	LRR
<i>Sinapis alba</i>	KAF8097942.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8098018.1	RLK	LRR
<i>Sinapis alba</i>	KAF8098153.1	RLK	LRR
<i>Sinapis alba</i>	KAF8098160.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8098161.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8098163.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8098298.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8098353.1	RLK	LRR
<i>Sinapis alba</i>	KAF8098386.1	RLK	LRR
<i>Sinapis alba</i>	KAF8098420.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8098421.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8098493.1	RLK	LRR
<i>Sinapis alba</i>	KAF8098522.1	RLK	LRR
<i>Sinapis alba</i>	KAF8098541.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8098633.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8098634.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8098635.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8098763.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8099085.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8099107.1	RLK	LRR
<i>Sinapis alba</i>	KAF8099237.1	RLK	LRR
<i>Sinapis alba</i>	KAF8099515.1	RLK	LRR
<i>Sinapis alba</i>	KAF8099526.1	RLK	LRR
<i>Sinapis alba</i>	KAF8099679.1	RLK	LRR

<i>Sinapis alba</i>	KAF8099804.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8099882.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8099903.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8099968.1	RLK	LRR
<i>Sinapis alba</i>	KAF8099989.1	RLK	LRR
<i>Sinapis alba</i>	KAF8100021.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8100024.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8100059.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8100158.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8100177.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8100237.1	RLK	LRR
<i>Sinapis alba</i>	KAF8100324.1	RLK	LRR
<i>Sinapis alba</i>	KAF8100325.1	RLK	LRR
<i>Sinapis alba</i>	KAF8100387.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8100418.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8100419.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8100420.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8100421.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8100595.1	RLK	LRR
<i>Sinapis alba</i>	KAF8100770.1	RLK	LRR
<i>Sinapis alba</i>	KAF8100914.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8100968.1	RLK	LRR
<i>Sinapis alba</i>	KAF8101064.1	RLK	LRR
<i>Sinapis alba</i>	KAF8101130.1	RLK	LRR
<i>Sinapis alba</i>	KAF8101333.1	RLK	LRR
<i>Sinapis alba</i>	KAF8101342.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8101370.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8101603.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8101620.1	RLK	LRR
<i>Sinapis alba</i>	KAF8101733.1	RLK	LRR
<i>Sinapis alba</i>	KAF8101829.1	RLK	LRR
<i>Sinapis alba</i>	KAF8101884.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8102006.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8102016.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8102026.1	RLK	LRR
<i>Sinapis alba</i>	KAF8102049.1	RLK	LRR
<i>Sinapis alba</i>	KAF8102167.1	RLK	LRR
<i>Sinapis alba</i>	KAF8102232.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8102251.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8102253.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8102262.1	RLK	LRR
<i>Sinapis alba</i>	KAF8102363.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8102366.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8102367.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8102368.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8102369.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8102371.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8102372.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8102375.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8102413.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8102414.1	RLK	LRR
<i>Sinapis alba</i>	KAF8102417.1	RLK	LRR
<i>Sinapis alba</i>	KAF8102418.1	RLK	LRR
<i>Sinapis alba</i>	KAF8102461.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8102505.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8102520.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8102646.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8102730.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8102742.1	RLK	LRR
<i>Sinapis alba</i>	KAF8102832.1	RLK	LRR
<i>Sinapis alba</i>	KAF8102855.1	RLK	LRR
<i>Sinapis alba</i>	KAF8102857.1	RLK	Other-RLK

<i>Sinapis alba</i>	KAF8102880.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8103088.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8103167.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8103307.1	RLK	LRR
<i>Sinapis alba</i>	KAF8103396.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8103426.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8103475.1	RLK	LRR
<i>Sinapis alba</i>	KAF8103512.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8103635.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8103755.1	RLK	LRR
<i>Sinapis alba</i>	KAF8103763.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8103768.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8103875.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8104200.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8104201.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8104232.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8104790.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8105097.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8105106.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8105394.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8105546.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8105612.1	RLK	LRR
<i>Sinapis alba</i>	KAF8105627.1	RLK	LRR
<i>Sinapis alba</i>	KAF8105656.1	RLK	LRR
<i>Sinapis alba</i>	KAF8105748.1	RLK	LRR
<i>Sinapis alba</i>	KAF8105807.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8106008.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8106009.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8106010.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8106039.1	RLK	LRR
<i>Sinapis alba</i>	KAF8106057.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8106109.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8106180.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8106284.1	RLK	LRR
<i>Sinapis alba</i>	KAF8106291.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8106351.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8106352.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8106353.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8106413.1	RLK	LRR
<i>Sinapis alba</i>	KAF8106532.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8106731.1	RLK	LRR
<i>Sinapis alba</i>	KAF8106732.1	RLK	LRR
<i>Sinapis alba</i>	KAF8107083.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8107113.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8107252.1	RLK	LRR
<i>Sinapis alba</i>	KAF8107291.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8107361.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8107373.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8107482.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8107514.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8107515.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8107552.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8107793.1	RLK	LRR
<i>Sinapis alba</i>	KAF8107794.1	RLK	LRR
<i>Sinapis alba</i>	KAF8107795.1	RLK	LRR
<i>Sinapis alba</i>	KAF8107798.1	RLK	LRR
<i>Sinapis alba</i>	KAF8107801.1	RLK	LRR
<i>Sinapis alba</i>	KAF8107802.1	RLK	LRR
<i>Sinapis alba</i>	KAF8107870.1	RLK	LRR
<i>Sinapis alba</i>	KAF8107970.1	RLK	LRR
<i>Sinapis alba</i>	KAF8107985.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8108036.1	RLK	LRR

<i>Sinapis alba</i>	KAF8108076.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8108138.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8108175.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8108219.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8108296.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8108311.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8108504.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8108582.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8108583.1	RLK	LRR
<i>Sinapis alba</i>	KAF8108584.1	RLK	LRR
<i>Sinapis alba</i>	KAF8108623.1	RLK	LRR
<i>Sinapis alba</i>	KAF8108642.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8108643.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8108666.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8108670.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8108671.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8108800.1	RLK	LRR
<i>Sinapis alba</i>	KAF8108838.1	RLK	Lysm
<i>Sinapis alba</i>	KAF8108950.1	RLK	LRR
<i>Sinapis alba</i>	KAF8109116.1	RLK	LRR
<i>Sinapis alba</i>	KAF8109131.1	RLK	LRR
<i>Sinapis alba</i>	KAF8109411.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8109435.1	RLK	LRR
<i>Sinapis alba</i>	KAF8109558.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8109680.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8109690.1	RLK	LRR
<i>Sinapis alba</i>	KAF8109708.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8109709.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8109710.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8109716.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8109717.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8109718.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8109719.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8109720.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8109721.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8109723.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8109725.1	RLK	LRR
<i>Sinapis alba</i>	KAF8109991.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8110100.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8110216.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8110217.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8110281.1	RLK	LRR
<i>Sinapis alba</i>	KAF8110282.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8110333.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8110428.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8110430.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8110466.1	RLK	LRR
<i>Sinapis alba</i>	KAF8110467.1	RLK	LRR
<i>Sinapis alba</i>	KAF8110468.1	RLK	LRR
<i>Sinapis alba</i>	KAF8110503.1	RLK	LRR
<i>Sinapis alba</i>	KAF8110552.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8110589.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8110694.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8110715.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8110728.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8110815.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8110824.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8110825.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8110834.1	RLK	LRR
<i>Sinapis alba</i>	KAF8110835.1	RLK	LRR
<i>Sinapis alba</i>	KAF8110885.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8110886.1	RLK	Other-RLK



<i>Sinapis alba</i>	KAF8110904.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8110905.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8110913.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8111008.1	RLK	LRR
<i>Sinapis alba</i>	KAF8111056.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8111059.1	RLK	LRR
<i>Sinapis alba</i>	KAF8111067.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8111068.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8111069.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8111133.1	RLK	LRR
<i>Sinapis alba</i>	KAF8111143.1	RLK	LRR
<i>Sinapis alba</i>	KAF8111193.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8111194.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8111199.1	RLK	LRR
<i>Sinapis alba</i>	KAF8111233.1	RLK	LRR
<i>Sinapis alba</i>	KAF8111343.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8111400.1	RLK	LRR
<i>Sinapis alba</i>	KAF8111519.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8111930.1	RLK	LRR
<i>Sinapis alba</i>	KAF8111972.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8112138.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8112144.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8112169.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8112283.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8112288.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8112314.1	RLK	LRR
<i>Sinapis alba</i>	KAF8112364.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8112365.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8112520.1	RLK	LRR
<i>Sinapis alba</i>	KAF8112521.1	RLK	LRR
<i>Sinapis alba</i>	KAF8112522.1	RLK	LRR
<i>Sinapis alba</i>	KAF8112523.1	RLK	LRR
<i>Sinapis alba</i>	KAF8112524.1	RLK	LRR
<i>Sinapis alba</i>	KAF8112525.1	RLK	LRR
<i>Sinapis alba</i>	KAF8112589.1	RLK	LRR
<i>Sinapis alba</i>	KAF8112629.1	RLK	LRR
<i>Sinapis alba</i>	KAF8112630.1	RLK	LRR
<i>Sinapis alba</i>	KAF8112671.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8112741.1	RLK	LRR
<i>Sinapis alba</i>	KAF8112805.1	RLK	LRR
<i>Sinapis alba</i>	KAF8112824.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8112826.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8112827.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8112831.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8112832.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8112874.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8112887.1	RLK	LRR
<i>Sinapis alba</i>	KAF8113004.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8113020.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8113236.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8113278.1	RLK	LRR
<i>Sinapis alba</i>	KAF8113281.1	RLK	LRR
<i>Sinapis alba</i>	KAF8113366.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8113367.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8113369.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8113411.1	RLK	LRR
<i>Sinapis alba</i>	KAF8113426.1	RLK	LRR
<i>Sinapis alba</i>	KAF8113479.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8113640.1	RLK	LRR
<i>Sinapis alba</i>	KAF8113646.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8113647.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8113648.1	RLK	Other-RLK

<i>Sinapis alba</i>	KAF8113662.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8113664.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8113665.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8113752.1	RLK	LRR
<i>Sinapis alba</i>	KAF8113892.1	RLK	LRR
<i>Sinapis alba</i>	KAF8113956.1	RLK	LRR
<i>Sinapis alba</i>	KAF8114145.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8114153.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8114156.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8114158.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8114159.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8114160.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8114161.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8114223.1	RLK	LRR
<i>Sinapis alba</i>	KAF8114284.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8114311.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8114365.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8114366.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8114468.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8114470.1	RLK	LRR
<i>Sinapis alba</i>	KAF8114482.1	RLK	LRR
<i>Sinapis alba</i>	KAF8114591.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8114592.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8114698.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8114832.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8114849.1	RLK	LRR
<i>Sinapis alba</i>	KAF8114962.1	RLK	LRR
<i>Sinapis alba</i>	KAF8114983.1	RLK	LRR
<i>Sinapis alba</i>	KAF8115004.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8115005.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8115044.1	RLK	LRR
<i>Sinapis alba</i>	KAF8115114.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8115135.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8115137.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8115215.1	RLK	LRR
<i>Sinapis alba</i>	KAF8115369.1	RLK	LRR
<i>Sinapis alba</i>	KAF8115536.1	RLK	LRR
<i>Sinapis alba</i>	KAF8115543.1	RLK	LRR
<i>Sinapis alba</i>	KAF8115552.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8115579.1	RLK	LRR
<i>Sinapis alba</i>	KAF8115589.1	RLK	LRR
<i>Sinapis alba</i>	KAF8115591.1	RLK	LRR
<i>Sinapis alba</i>	KAF8115597.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8115598.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8115764.1	RLK	LRR
<i>Sinapis alba</i>	KAF8115808.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8115809.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8115842.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8115934.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8116034.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8116265.1	RLK	LRR
<i>Sinapis alba</i>	KAF8116327.1	RLK	LRR
<i>Sinapis alba</i>	KAF8116439.1	RLK	LRR
<i>Sinapis alba</i>	KAF8116499.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8116518.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8116519.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8116524.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8116725.1	RLK	LRR
<i>Sinapis alba</i>	KAF8116755.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8116823.1	RLK	LRR
<i>Sinapis alba</i>	KAF8116864.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8116874.1	RLK	Other-RLK

<i>Sinapis alba</i>	KAF8116875.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8116968.1	RLK	LRR
<i>Sinapis alba</i>	KAF8117029.1	RLK	LRR
<i>Sinapis alba</i>	KAF8117050.1	RLK	LRR
<i>Sinapis alba</i>	KAF8117201.1	RLK	LRR
<i>Sinapis alba</i>	KAF8117233.1	RLK	LRR
<i>Sinapis alba</i>	KAF8117234.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8117308.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8117492.1	RLK	LRR
<i>Sinapis alba</i>	KAF8117505.1	RLK	LRR
<i>Sinapis alba</i>	KAF8117524.1	RLK	LRR
<i>Sinapis alba</i>	KAF8117549.1	RLK	LRR
<i>Sinapis alba</i>	KAF8117626.1	RLK	LRR
<i>Sinapis alba</i>	KAF8117650.1	RLK	LRR
<i>Sinapis alba</i>	KAF8117974.1	RLK	LRR
<i>Sinapis alba</i>	KAF8118001.1	RLK	LRR
<i>Sinapis alba</i>	KAF8118080.1	RLK	LRR
<i>Sinapis alba</i>	KAF8118138.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8118183.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8118264.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8118269.1	RLK	LRR
<i>Sinapis alba</i>	KAF8118306.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8118601.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8118613.1	RLK	LRR
<i>Sinapis alba</i>	KAF8118614.1	RLK	LRR
<i>Sinapis alba</i>	KAF8118617.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8118619.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8118621.1	RLK	LRR
<i>Sinapis alba</i>	KAF8118721.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8118755.1	RLK	LRR
<i>Sinapis alba</i>	KAF8118756.1	RLK	LRR
<i>Sinapis alba</i>	KAF8118919.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8118948.1	RLK	LRR
<i>Sinapis alba</i>	KAF8119012.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8119053.1	RLK	LRR
<i>Sinapis alba</i>	KAF8119059.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8119066.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8119120.1	RLK	Other-RLK
<i>Sinapis alba</i>	KAF8044821.1	RLP	LRR
<i>Sinapis alba</i>	KAF8045120.1	RLP	LRR
<i>Sinapis alba</i>	KAF8045221.1	RLP	LRR
<i>Sinapis alba</i>	KAF8045493.1	RLP	LRR
<i>Sinapis alba</i>	KAF8045895.1	RLP	LRR
<i>Sinapis alba</i>	KAF8046449.1	RLP	LRR
<i>Sinapis alba</i>	KAF8046956.1	RLP	Lysm
<i>Sinapis alba</i>	KAF8047904.1	RLP	LRR
<i>Sinapis alba</i>	KAF8048753.1	RLP	LRR
<i>Sinapis alba</i>	KAF8048754.1	RLP	LRR
<i>Sinapis alba</i>	KAF8049633.1	RLP	LRR
<i>Sinapis alba</i>	KAF8049889.1	RLP	LRR
<i>Sinapis alba</i>	KAF8050784.1	RLP	LRR
<i>Sinapis alba</i>	KAF8051500.1	RLP	LRR
<i>Sinapis alba</i>	KAF8051803.1	RLP	LRR
<i>Sinapis alba</i>	KAF8052573.1	RLP	LRR
<i>Sinapis alba</i>	KAF8053316.1	RLP	LRR
<i>Sinapis alba</i>	KAF8053593.1	RLP	LRR
<i>Sinapis alba</i>	KAF8053603.1	RLP	LRR
<i>Sinapis alba</i>	KAF8054047.1	RLP	LRR
<i>Sinapis alba</i>	KAF8054888.1	RLP	LRR
<i>Sinapis alba</i>	KAF8055604.1	RLP	LRR
<i>Sinapis alba</i>	KAF8062126.1	RLP	LRR
<i>Sinapis alba</i>	KAF8067433.1	RLP	LRR

<i>Sinapis alba</i>	KAF8068486.1	RLP	LRR
<i>Sinapis alba</i>	KAF8074312.1	RLP	LRR
<i>Sinapis alba</i>	KAF8074427.1	RLP	LRR
<i>Sinapis alba</i>	KAF8074431.1	RLP	LRR
<i>Sinapis alba</i>	KAF8074432.1	RLP	LRR
<i>Sinapis alba</i>	KAF8079461.1	RLP	LRR
<i>Sinapis alba</i>	KAF8079511.1	RLP	LRR
<i>Sinapis alba</i>	KAF8079512.1	RLP	LRR
<i>Sinapis alba</i>	KAF8080090.1	RLP	LRR
<i>Sinapis alba</i>	KAF8080091.1	RLP	LRR
<i>Sinapis alba</i>	KAF8080217.1	RLP	LRR
<i>Sinapis alba</i>	KAF8080653.1	RLP	LRR
<i>Sinapis alba</i>	KAF8080806.1	RLP	LRR
<i>Sinapis alba</i>	KAF8080834.1	RLP	LRR
<i>Sinapis alba</i>	KAF8081125.1	RLP	LRR
<i>Sinapis alba</i>	KAF8082066.1	RLP	LRR
<i>Sinapis alba</i>	KAF8083537.1	RLP	LRR
<i>Sinapis alba</i>	KAF8083882.1	RLP	LRR
<i>Sinapis alba</i>	KAF8084401.1	RLP	LRR
<i>Sinapis alba</i>	KAF8085518.1	RLP	LRR
<i>Sinapis alba</i>	KAF8085519.1	RLP	LRR
<i>Sinapis alba</i>	KAF8085554.1	RLP	LRR
<i>Sinapis alba</i>	KAF8085575.1	RLP	LRR
<i>Sinapis alba</i>	KAF8085576.1	RLP	LRR
<i>Sinapis alba</i>	KAF8086480.1	RLP	Lysm
<i>Sinapis alba</i>	KAF8086610.1	RLP	LRR
<i>Sinapis alba</i>	KAF8087431.1	RLP	LRR
<i>Sinapis alba</i>	KAF8088459.1	RLP	Lysm
<i>Sinapis alba</i>	KAF8088559.1	RLP	LRR
<i>Sinapis alba</i>	KAF8089464.1	RLP	LRR
<i>Sinapis alba</i>	KAF8090082.1	RLP	LRR
<i>Sinapis alba</i>	KAF8090138.1	RLP	LRR
<i>Sinapis alba</i>	KAF8090145.1	RLP	LRR
<i>Sinapis alba</i>	KAF8092002.1	RLP	LRR
<i>Sinapis alba</i>	KAF8092574.1	RLP	LRR
<i>Sinapis alba</i>	KAF8092581.1	RLP	LRR
<i>Sinapis alba</i>	KAF8092938.1	RLP	LRR
<i>Sinapis alba</i>	KAF8093213.1	RLP	LRR
<i>Sinapis alba</i>	KAF8095127.1	RLP	LRR
<i>Sinapis alba</i>	KAF8095496.1	RLP	LRR
<i>Sinapis alba</i>	KAF8096085.1	RLP	LRR
<i>Sinapis alba</i>	KAF8096090.1	RLP	LRR
<i>Sinapis alba</i>	KAF8096091.1	RLP	LRR
<i>Sinapis alba</i>	KAF8096567.1	RLP	LRR
<i>Sinapis alba</i>	KAF8096659.1	RLP	LRR
<i>Sinapis alba</i>	KAF8097181.1	RLP	LRR
<i>Sinapis alba</i>	KAF8097453.1	RLP	LRR
<i>Sinapis alba</i>	KAF8097590.1	RLP	LRR
<i>Sinapis alba</i>	KAF8097591.1	RLP	LRR
<i>Sinapis alba</i>	KAF8097592.1	RLP	LRR
<i>Sinapis alba</i>	KAF8097915.1	RLP	LRR
<i>Sinapis alba</i>	KAF8098072.1	RLP	LRR
<i>Sinapis alba</i>	KAF8098726.1	RLP	LRR
<i>Sinapis alba</i>	KAF8099627.1	RLP	LRR
<i>Sinapis alba</i>	KAF8099659.1	RLP	LRR
<i>Sinapis alba</i>	KAF8099869.1	RLP	LRR
<i>Sinapis alba</i>	KAF8100137.1	RLP	LRR
<i>Sinapis alba</i>	KAF8100413.1	RLP	LRR
<i>Sinapis alba</i>	KAF8100435.1	RLP	LRR
<i>Sinapis alba</i>	KAF8100623.1	RLP	LRR
<i>Sinapis alba</i>	KAF8100624.1	RLP	LRR
<i>Sinapis alba</i>	KAF8100917.1	RLP	LRR

<i>Sinapis alba</i>	KAF8100970.1	RLP	LRR
<i>Sinapis alba</i>	KAF8101499.1	RLP	LRR
<i>Sinapis alba</i>	KAF8102001.1	RLP	LRR
<i>Sinapis alba</i>	KAF8102695.1	RLP	LRR
<i>Sinapis alba</i>	KAF8103832.1	RLP	LRR
<i>Sinapis alba</i>	KAF8103883.1	RLP	LRR
<i>Sinapis alba</i>	KAF8104053.1	RLP	LRR
<i>Sinapis alba</i>	KAF8104264.1	RLP	LRR
<i>Sinapis alba</i>	KAF8104450.1	RLP	LRR
<i>Sinapis alba</i>	KAF8104908.1	RLP	LRR
<i>Sinapis alba</i>	KAF8105233.1	RLP	LRR
<i>Sinapis alba</i>	KAF8105234.1	RLP	LRR
<i>Sinapis alba</i>	KAF8105293.1	RLP	LRR
<i>Sinapis alba</i>	KAF8105661.1	RLP	LRR
<i>Sinapis alba</i>	KAF8106027.1	RLP	LRR
<i>Sinapis alba</i>	KAF8106071.1	RLP	LRR
<i>Sinapis alba</i>	KAF8106130.1	RLP	LRR
<i>Sinapis alba</i>	KAF8106283.1	RLP	LRR
<i>Sinapis alba</i>	KAF8106473.1	RLP	LRR
<i>Sinapis alba</i>	KAF8106575.1	RLP	LRR
<i>Sinapis alba</i>	KAF8107503.1	RLP	LRR
<i>Sinapis alba</i>	KAF8108000.1	RLP	LRR
<i>Sinapis alba</i>	KAF8108070.1	RLP	LRR
<i>Sinapis alba</i>	KAF8108121.1	RLP	LRR
<i>Sinapis alba</i>	KAF8108771.1	RLP	LRR
<i>Sinapis alba</i>	KAF8108772.1	RLP	LRR
<i>Sinapis alba</i>	KAF8108774.1	RLP	LRR
<i>Sinapis alba</i>	KAF8109087.1	RLP	LRR
<i>Sinapis alba</i>	KAF8109279.1	RLP	LRR
<i>Sinapis alba</i>	KAF8109281.1	RLP	LRR
<i>Sinapis alba</i>	KAF8109282.1	RLP	LRR
<i>Sinapis alba</i>	KAF8111633.1	RLP	LRR
<i>Sinapis alba</i>	KAF8112028.1	RLP	LRR
<i>Sinapis alba</i>	KAF8112777.1	RLP	LRR
<i>Sinapis alba</i>	KAF8112779.1	RLP	LRR
<i>Sinapis alba</i>	KAF8113251.1	RLP	LRR
<i>Sinapis alba</i>	KAF8114266.1	RLP	LRR
<i>Sinapis alba</i>	KAF8114475.1	RLP	LRR
<i>Sinapis alba</i>	KAF8115111.1	RLP	LRR
<i>Sinapis alba</i>	KAF8116764.1	RLP	LRR
<i>Sinapis alba</i>	KAF8117198.1	RLP	LRR
<i>Sinapis alba</i>	KAF8117199.1	RLP	LRR
<i>Sinapis alba</i>	KAF8117940.1	RLP	LRR
<i>Sinapis alba</i>	KAF8118680.1	RLP	LRR
<i>Sinapis alba</i>	KAF8119041.1	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp19577	NLR	CN
<i>Capsella bursa-pastoris</i>	Cbp47816	NLR	CN
<i>Capsella bursa-pastoris</i>	Cbp51319	NLR	CN
<i>Capsella bursa-pastoris</i>	Cbp52173	NLR	CN
<i>Capsella bursa-pastoris</i>	Cbp17689	NLR	CN
<i>Capsella bursa-pastoris</i>	Cbp47817	NLR	CN
<i>Capsella bursa-pastoris</i>	Cbp45485	NLR	CN
<i>Capsella bursa-pastoris</i>	Cbp13279	NLR	CN
<i>Capsella bursa-pastoris</i>	Cbp33711	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp46917	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp19028	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp32207	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp12124	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp14225	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp19189	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp45469	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp33577	NLR	CNL

<i>Capsella bursa-pastoris</i>	Cbp47695	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp32219	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp21377	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp34553	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp11464	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp44162	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp18997	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp33511	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp26414	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp16103	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp23231	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp51187	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp25969	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp33720	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp8106	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp53365	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp34552	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp811	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp28795	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp52108	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp41750	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp50135	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp45470	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp46346	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp18467	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp33852	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp47693	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp53094	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp52166	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp42070	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp51318	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp48114	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp51186	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp15059	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp21382	NLR	CNL
<i>Capsella bursa-pastoris</i>	Cbp13283	NLR	NBS
<i>Capsella bursa-pastoris</i>	Cbp32957	NLR	NBS
<i>Capsella bursa-pastoris</i>	Cbp19079	NLR	NBS
<i>Capsella bursa-pastoris</i>	Cbp6846	NLR	NBS
<i>Capsella bursa-pastoris</i>	Cbp50076	NLR	NBS
<i>Capsella bursa-pastoris</i>	Cbp41284	NLR	NBS
<i>Capsella bursa-pastoris</i>	Cbp4034	NLR	NBS
<i>Capsella bursa-pastoris</i>	Cbp51754	NLR	NBS
<i>Capsella bursa-pastoris</i>	Cbp50281	NLR	NBS
<i>Capsella bursa-pastoris</i>	Cbp26897	NLR	NBS
<i>Capsella bursa-pastoris</i>	Cbp45467	NLR	NBS
<i>Capsella bursa-pastoris</i>	Cbp46264	NLR	NBS
<i>Capsella bursa-pastoris</i>	Cbp25157	NLR	NBS
<i>Capsella bursa-pastoris</i>	Cbp32205	NLR	NBS
<i>Capsella bursa-pastoris</i>	Cbp13280	NLR	NBS
<i>Capsella bursa-pastoris</i>	Cbp4866	NLR	NBS
<i>Capsella bursa-pastoris</i>	Cbp45910	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp5868	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp519	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp47529	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp48437	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp32218	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp46128	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp14253	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp11721	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp25968	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp34754	NLR	NL

<i>Capsella bursa-pastoris</i>	Cbp31703	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp50136	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp37986	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp38087	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp19029	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp39607	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp17170	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp5768	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp53366	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp46916	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp33710	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp22113	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp36244	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp19041	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp16342	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp38086	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp19051	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp29059	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp46906	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp47136	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp52531	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp19065	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp47963	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp6345	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp11946	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp19077	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp22745	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp16664	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp19042	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp52986	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp13284	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp33712	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp38624	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp28794	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp34664	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp520	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp45534	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp21935	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp33161	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp51741	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp33510	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp39399	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp11530	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp45210	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp39590	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp45504	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp19083	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp32206	NLR	NL
<i>Capsella bursa-pastoris</i>	Cbp50214	NLR	Other-NLR
<i>Capsella bursa-pastoris</i>	Cbp23672	NLR	Other-NLR
<i>Capsella bursa-pastoris</i>	Cbp26886	NLR	Other-NLR
<i>Capsella bursa-pastoris</i>	Cbp9266	NLR	Other-NLR
<i>Capsella bursa-pastoris</i>	Cbp45547	NLR	Other-NLR
<i>Capsella bursa-pastoris</i>	Cbp47127	NLR	Other-NLR
<i>Capsella bursa-pastoris</i>	Cbp19429	NLR	Other-NLR
<i>Capsella bursa-pastoris</i>	Cbp33444	NLR	Other-NLR
<i>Capsella bursa-pastoris</i>	Cbp11461	NLR	Other-NLR
<i>Capsella bursa-pastoris</i>	Cbp45486	NLR	Other-NLR
<i>Capsella bursa-pastoris</i>	Cbp11526	NLR	Other-NLR
<i>Capsella bursa-pastoris</i>	Cbp30474	NLR	Other-NLR
<i>Capsella bursa-pastoris</i>	Cbp20142	NLR	Other-NLR
<i>Capsella bursa-pastoris</i>	Cbp33422	NLR	Other-NLR

<i>Capsella bursa-pastoris</i>	Cbp45500	NLR	Other-NLR
<i>Capsella bursa-pastoris</i>	Cbp33421	NLR	Other-NLR
<i>Capsella bursa-pastoris</i>	Cbp33448	NLR	Other-NLR
<i>Capsella bursa-pastoris</i>	Cbp44277	NLR	Other-NLR
<i>Capsella bursa-pastoris</i>	Cbp26840	NLR	Other-NLR
<i>Capsella bursa-pastoris</i>	Cbp44279	NLR	Other-NLR
<i>Capsella bursa-pastoris</i>	Cbp13417	NLR	Other-NLR
<i>Capsella bursa-pastoris</i>	Cbp9004	NLR	TN
<i>Capsella bursa-pastoris</i>	Cbp31978	NLR	TN
<i>Capsella bursa-pastoris</i>	Cbp52558	NLR	TN
<i>Capsella bursa-pastoris</i>	Cbp42205	NLR	TN
<i>Capsella bursa-pastoris</i>	Cbp24034	NLR	TN
<i>Capsella bursa-pastoris</i>	Cbp23373	NLR	TN
<i>Capsella bursa-pastoris</i>	Cbp22904	NLR	TN
<i>Capsella bursa-pastoris</i>	Cbp50210	NLR	TN
<i>Capsella bursa-pastoris</i>	Cbp47128	NLR	TN
<i>Capsella bursa-pastoris</i>	Cbp25833	NLR	TN
<i>Capsella bursa-pastoris</i>	Cbp3036	NLR	TN
<i>Capsella bursa-pastoris</i>	Cbp11459	NLR	TN
<i>Capsella bursa-pastoris</i>	Cbp47129	NLR	TN
<i>Capsella bursa-pastoris</i>	Cbp50211	NLR	TN
<i>Capsella bursa-pastoris</i>	Cbp42207	NLR	TN
<i>Capsella bursa-pastoris</i>	Cbp27624	NLR	TN
<i>Capsella bursa-pastoris</i>	Cbp42203	NLR	TN
<i>Capsella bursa-pastoris</i>	Cbp19430	NLR	TN
<i>Capsella bursa-pastoris</i>	Cbp47132	NLR	TN
<i>Capsella bursa-pastoris</i>	Cbp9005	NLR	TN
<i>Capsella bursa-pastoris</i>	Cbp8736	NLR	TN
<i>Capsella bursa-pastoris</i>	Cbp13366	NLR	TN
<i>Capsella bursa-pastoris</i>	Cbp16373	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp26994	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp52774	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp12293	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp11117	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp9219	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp7304	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp13412	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp13253	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp49916	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp49921	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp4127	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp26881	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp2498	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp34461	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp10968	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp49446	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp34462	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp45487	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp38995	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp39406	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp13411	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp11062	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp26883	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp44935	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp26861	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp52775	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp11061	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp19204	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp13132	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp29527	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp48441	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp12814	NLR	TNL



<i>Capsella bursa-pastoris</i>	Cbp14179	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp14210	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp20745	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp27058	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp11527	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp9265	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp19432	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp10076	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp49899	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp45533	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp19206	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp13410	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp45527	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp43581	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp9286	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp50075	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp50215	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp36884	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp26447	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp13367	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp27040	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp34753	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp26884	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp27017	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp26860	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp11528	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp7866	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp45728	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp49279	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp47917	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp30618	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp19202	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp3371	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp7305	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp9251	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp11468	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp4476	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp8082	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp9970	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp10000	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp9263	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp34706	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp19163	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp19971	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp11064	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp47916	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp48776	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp11460	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp24904	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp19164	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp36899	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp49914	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp21984	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp51486	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp3372	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp39404	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp46000	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp35079	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp2517	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp27012	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp51101	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp42255	NLR	TNL

<i>Capsella bursa-pastoris</i>	Cbp19203	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp48777	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp45499	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp12437	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp33418	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp49922	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp34755	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp26887	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp1593	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp1642	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp33420	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp52985	NLR	TNL
<i>Capsella bursa-pastoris</i>	Cbp26865	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp45498	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp44288	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp46734	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp35994	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp16413	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp39986	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp44287	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp44283	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp46730	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp44284	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp34955	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp25840	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp26866	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp22180	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp1671	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp44278	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp8728	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp41699	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp45523	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp13408	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp45520	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp26898	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp26864	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp13338	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp26841	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp45529	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp48438	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp47135	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp46731	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp26882	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp9003	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp25967	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp45484	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp13418	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp9006	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp13336	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp1643	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp8727	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp9007	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp45046	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp52902	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp45521	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp25841	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp33699	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp46928	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp33449	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp46736	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp46301	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp46732	NLR	TX

<i>Capsella bursa-pastoris</i>	Cbp44281	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp44286	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp32710	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp39398	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp33451	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp18474	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp39109	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp9252	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp14326	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp46733	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp8729	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp32921	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp8893	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp16414	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp45525	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp46737	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp45530	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp44282	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp33445	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp26888	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp4608	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp20141	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp42204	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp22181	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp27954	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp45524	NLR	TX
<i>Capsella bursa-pastoris</i>	Cbp10021	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp10081	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp10104	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp10122	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp10139	RLK	Lysm
<i>Capsella bursa-pastoris</i>	Cbp10167	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp10218	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp10282	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp10649	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp10679	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp10686	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp10688	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp10723	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp10791	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp10858	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp1094	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp11040	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp11126	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp11226	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp11252	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp1129	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp11317	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp11357	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp11359	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp11374	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp116	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp11612	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp11614	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp11615	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp11616	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp11659	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp11660	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp11706	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp11710	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp11712	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp11713	RLK	Other-RLK

<i>Capsella bursa-pastoris</i>	Cbp11769	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp11798	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp11800	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp11801	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp12005	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp1204	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp12040	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp12059	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp1210	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp1211	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp1212	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp12172	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp12185	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp12446	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp12447	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp1246	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp12496	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp12609	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp12626	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp1269	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp12713	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp12807	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp12878	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp12883	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp1290	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp12946	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp13044	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp13171	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp13180	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp13318	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp13378	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp13489	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp13589	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp13711	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp13720	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp13722	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp13751	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp13789	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp13820	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp13885	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp13969	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp14006	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp14007	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp1409	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp14140	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp14207	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp14212	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp1432	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp14427	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp14454	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp14461	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp14471	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp14518	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp1459	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp14633	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp14650	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp1477	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp1478	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp1479	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp1480	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp1481	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp1482	RLK	Other-RLK

<i>Capsella bursa-pastoris</i>	Cbp1485	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp1486	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp1487	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp1488	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp1489	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp14892	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp14995	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp15039	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp15040	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp15058	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp15219	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp15427	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp15461	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp15487	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp15624	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp15710	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp15738	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp1604	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp1605	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp16052	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp16115	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp16116	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp16117	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp16130	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp16263	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp16300	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp16305	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp16496	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp165	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp1651	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp1652	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp1655	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp16622	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp16810	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp16811	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp16813	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp17212	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp17348	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp17356	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp17369	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp17370	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp17381	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp17386	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp17397	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp17427	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp17510	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp17726	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp17786	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp17936	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp18066	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp18087	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp18264	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp18353	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp18355	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp1836	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp18362	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp18394	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp18547	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp18549	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp18595	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp18613	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp18614	RLK	LRR

<i>Capsella bursa-pastoris</i>	Cbp18714	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp18738	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp18745	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp18755	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp18924	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp18943	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp18973	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp19117	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp19174	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp19243	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp1926	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp19268	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp19332	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp19342	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp19459	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp19503	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp19547	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp19637	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp19642	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp19643	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp19780	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp19878	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp19964	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp20139	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp20232	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp2052	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp20587	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp20620	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp20654	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp20890	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp20914	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp20915	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp20939	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp21084	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp21226	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp2151	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp21514	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp21603	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp21604	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp21605	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp21653	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp21682	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp21768	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp21919	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp22009	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp22033	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp22074	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp22078	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp22202	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp22231	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp22239	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp22252	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp22339	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp22340	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp22341	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp22342	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp22397	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp22398	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp22399	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp22400	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp22456	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp22534	RLK	Other-RLK

<i>Capsella bursa-pastoris</i>	Cbp22619	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp2262	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp22669	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp22678	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp22814	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp22874	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp22962	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp23106	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp23247	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp23248	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp23249	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp23257	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp23342	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp23367	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp23385	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp23413	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp23431	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp23492	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp23580	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp23611	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp23644	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp23752	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp2376	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp23885	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp23912	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp23973	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp2399	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp24023	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp24040	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp24065	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp24175	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp24192	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp24274	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp24330	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp24393	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp24402	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp24415	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp24442	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp24527	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp24528	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp24531	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp24579	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp24597	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp24659	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp24732	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp24880	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp25037	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp2522	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp25330	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp25386	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp2543	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp25509	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp25582	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp25638	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp25658	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp25664	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp25671	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp25702	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp25766	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp2579	RLK	Lysm
<i>Capsella bursa-pastoris</i>	Cbp25808	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp25853	RLK	Other-RLK

<i>Capsella bursa-pastoris</i>	Cbp25854	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp25855	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp25856	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp25861	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp25862	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp25863	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp25864	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp25865	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp25866	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp25867	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp25868	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp25870	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp25871	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp25872	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp25873	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp25874	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp25903	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp26024	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp2604	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp26176	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp2618	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp26245	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp26280	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp2629	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp26359	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp26476	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp26486	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp26681	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp26691	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp26712	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp26788	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp26790	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp26791	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp26792	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp26824	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp26862	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp26940	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp26943	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp26944	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp26948	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp26974	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp26999	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp27087	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp27290	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp27389	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp27404	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp27413	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp27425	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp275	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp27546	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp27639	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp27656	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp277	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp2783	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp27892	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp27932	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp27987	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp27992	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp28023	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp28117	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp28227	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp28364	RLK	Other-RLK



<i>Capsella bursa-pastoris</i>	Cbp28366	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp2838	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp28396	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp28457	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp28469	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp2857	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp28632	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp28784	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp28817	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp28826	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp28880	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp28881	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp28892	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp28893	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp28898	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp28921	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp29033	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp29079	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp29104	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp29208	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp29211	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp29213	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp29240	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp29489	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp29821	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp29842	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp29918	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp30042	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp30058	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp30110	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp30117	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp30121	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp30122	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp30123	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp30130	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp30243	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp30247	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp3027	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp30376	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp30377	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp30378	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp30379	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp30380	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp30413	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp30477	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp3052	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp30557	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp30617	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp30662	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp30838	RLK	Lysm
<i>Capsella bursa-pastoris</i>	Cbp30984	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp31061	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp31114	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp3114	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp31202	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp31214	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp31244	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp31255	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp31289	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp31291	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp31306	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp31324	RLK	Other-RLK

<i>Capsella bursa-pastoris</i>	Cbp3137	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp31430	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp31492	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp31583	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp31597	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp31617	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp31758	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp31767	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp31780	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp31898	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp31994	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp31996	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp32039	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp32040	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp32041	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp32042	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp32045	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp32075	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp32272	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp32344	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp32345	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp32346	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp32347	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp3235	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp32396	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp32414	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp32422	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp32514	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp32571	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp32712	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp32778	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp32988	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp33018	RLK	Lysm
<i>Capsella bursa-pastoris</i>	Cbp33023	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp33024	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp33025	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp33026	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp33028	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp33029	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp33118	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp33126	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp33194	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp33234	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp3325	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp33254	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp33312	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp3336	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp33387	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp33537	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp33546	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp3356	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp3357	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp33648	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp33663	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp33678	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp33727	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp33732	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp33733	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp33738	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp33747	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp33874	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp34	RLK	LRR

<i>Capsella bursa-pastoris</i>	Cbp34033	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp34125	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp34184	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp34185	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp34186	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp34194	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp34208	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp34264	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp34295	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp34344	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp34345	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp34449	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp34641	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp34697	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp34698	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp34699	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp34700	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp34742	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp34931	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp34971	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp34972	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp34974	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp35106	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp35268	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp35304	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp35484	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp35488	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp35500	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp35538	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp35539	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp35596	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp35615	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp3562	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp3579	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp35962	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp35963	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp36013	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp36084	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp36143	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp36156	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp36165	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp36166	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp36168	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp3643	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp36460	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp36484	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp36530	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp36544	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp36578	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp3690	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp36966	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp36977	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp36995	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp370	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp37036	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp37052	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp37053	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp37057	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp37181	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp37256	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp37257	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp37274	RLK	Other-RLK

<i>Capsella bursa-pastoris</i>	Cbp37376	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp37377	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp37403	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp37480	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp37482	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp37497	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp37550	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp37630	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp37713	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp37729	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp38	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp38028	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp38092	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp38193	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp38211	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp38224	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp38226	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp38257	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp38267	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp38308	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp38392	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp38429	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp38442	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp38452	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp38533	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp38541	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp38634	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp38703	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp38874	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp389	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp39056	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp39099	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp39125	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp39349	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp39465	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp39488	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp39490	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp39492	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp39493	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp39494	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp39510	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp39529	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp39573	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp39577	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp39578	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp39579	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp39580	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp39637	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp39669	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp39671	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp39672	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp3974	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp39862	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp39914	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp39916	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp40054	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp40103	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp40123	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp40324	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp40348	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp40382	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp40474	RLK	LRR

<i>Capsella bursa-pastoris</i>	Cbp405	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp40689	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp4077	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp40991	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp40997	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp40998	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp40999	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp41001	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp41023	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp41047	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp41079	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp41157	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp41168	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp41170	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp41321	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp41370	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp41661	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp41671	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp41672	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp41673	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp41724	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp41731	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp41732	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp41733	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp41734	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp41778	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp41880	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp41977	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp42093	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp42151	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp42314	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp42426	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp4243	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp42447	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp42529	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp42540	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp42541	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp42561	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp42603	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp42618	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp42622	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp42756	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp42823	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp42872	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp42873	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp42874	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp42875	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp42919	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp42965	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp43004	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp43118	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp43237	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp43310	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp43359	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp43377	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp43438	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp43466	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp43530	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp43746	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp43762	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp43856	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp43946	RLK	Other-RLK

<i>Capsella bursa-pastoris</i>	Cbp43977	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp44	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp44010	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp44069	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp44104	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp44204	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp44331	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp44371	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp44396	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp44412	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp44456	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp44518	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp44670	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp44671	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp44673	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp44674	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp44677	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp44875	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp44934	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp45027	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp45073	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp45425	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp45428	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp45429	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp45432	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp45532	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp45562	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp46103	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp46167	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp46187	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp46188	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp46189	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp46190	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp46191	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp46192	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp46196	RLK	Lysm
<i>Capsella bursa-pastoris</i>	Cbp46234	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp46352	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp46353	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp46381	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp4642	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp46658	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp46804	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp46805	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp46885	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp46894	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp46901	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp46902	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp46903	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp46958	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp46981	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp47025	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp47030	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp47067	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp4710	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp47117	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp47165	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp47177	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp47192	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp47224	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp47329	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp47330	RLK	Other-RLK

<i>Capsella bursa-pastoris</i>	Cbp47344	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp47354	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp47356	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp47362	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp47364	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp47366	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp47460	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp47469	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp47493	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp4758	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp4759	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp4767	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp47776	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp47782	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp47800	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp47844	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp4797	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp4799	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp48025	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp48026	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp48206	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp48224	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp48372	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp4851	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp48535	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp48577	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp48710	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp48717	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp48721	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp48722	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp48723	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp48724	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp48725	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp48729	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp48732	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp48734	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp48946	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp49001	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp49033	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp49034	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp49054	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp49095	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp49097	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp49189	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp49191	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp49193	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp49216	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp49244	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp49312	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp49370	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp49461	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp49609	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp49735	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp49757	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp49810	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp50057	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp50096	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp50149	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp50197	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp50222	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp50250	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp50262	RLK	LRR

<i>Capsella bursa-pastoris</i>	Cbp50347	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp50612	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp50624	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp50730	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp50750	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp50757	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp50782	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp50922	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp50930	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp50952	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp51058	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp51117	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp51156	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp51195	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp51196	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp51205	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp51226	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp51233	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp51338	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp51403	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp51434	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp51542	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp51556	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp51565	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp51643	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp51650	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp51685	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp51879	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp51905	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp52016	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp52032	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp5216	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp52181	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp52311	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp52489	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp52680	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp52747	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp52887	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp5293	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp52944	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp53010	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp53011	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp53012	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp53013	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp53019	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp53023	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp53105	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp53195	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp53260	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp53291	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp53343	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp53378	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp5357	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp5394	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp5469	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp5484	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp5538	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp5539	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp5540	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp5542	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp5596	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp5621	RLK	Other-RLK



<i>Capsella bursa-pastoris</i>	Cbp5761	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp5831	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp5939	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp6033	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp6124	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp6173	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp6234	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp6523	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp6572	RLK	Lysm
<i>Capsella bursa-pastoris</i>	Cbp66	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp67	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp6725	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp6747	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp68	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp6810	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp6821	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp6828	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp6831	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp6840	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp685	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp6905	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp7008	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp7038	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp7104	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp7236	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp7274	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp7300	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp7390	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp7413	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp7583	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp7644	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp7661	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp7793	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp7807	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp7824	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp7909	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp7971	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp7972	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp7974	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp7984	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp8067	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp8084	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp8360	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp8395	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp8580	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp8598	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp8649	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp8671	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp8696	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp8697	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp8698	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp8699	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp8701	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp8702	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp8703	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp8704	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp8706	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp8707	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp8708	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp8709	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp8711	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp8712	RLK	Other-RLK

<i>Capsella bursa-pastoris</i>	Cbp8713	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp8714	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp8715	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp8758	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp8888	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp8968	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp9020	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp9044	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp9045	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp9046	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp9095	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp9217	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp9297	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp9344	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp9655	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp989	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp991	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp9930	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp996	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp9961	RLK	Other-RLK
<i>Capsella bursa-pastoris</i>	Cbp9966	RLK	LRR
<i>Capsella bursa-pastoris</i>	Cbp10091	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp10094	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp10097	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp10098	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp10100	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp10101	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp10313	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp1042	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp10857	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp11544	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp11711	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp12014	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp12346	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp12350	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp13087	RLP	Lysm
<i>Capsella bursa-pastoris</i>	Cbp1351	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp13801	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp14033	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp14166	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp14169	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp14312	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp14314	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp14568	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp14812	RLP	Lysm
<i>Capsella bursa-pastoris</i>	Cbp1501	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp15125	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp15744	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp15925	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp16010	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp16977	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp17498	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp17520	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp17717	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp1801	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp1830	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp18477	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp18916	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp19186	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp19486	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp19607	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp19763	RLP	LRR

<i>Capsella bursa-pastoris</i>	Cbp20084	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp20261	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp20439	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp20445	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp20661	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp21168	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp21211	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp21504	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp23118	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp24785	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp24792	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp25274	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp2531	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp2534	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp2538	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp2540	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp25545	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp25706	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp26867	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp26915	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp26937	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp27048	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp27226	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp27804	RLP	Lysm
<i>Capsella bursa-pastoris</i>	Cbp28040	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp28068	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp28449	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp28518	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp28870	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp29378	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp30375	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp30385	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp30795	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp31077	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp31300	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp31953	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp31954	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp31968	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp32383	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp32559	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp32753	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp32754	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp32755	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp33361	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp33476	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp34170	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp34354	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp35198	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp35582	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp36183	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp3640	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp36410	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp36452	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp36938	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp36940	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp36941	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp36942	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp36944	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp37121	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp37122	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp37500	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp3783	RLP	LRR

<i>Capsella bursa-pastoris</i>	Cbp37927	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp38218	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp3824	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp38575	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp39366	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp39423	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp39427	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp3946	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp39871	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp39953	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp40390	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp40391	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp4047	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp4055	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp4056	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp4057	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp40579	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp4058	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp4059	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp40594	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp4060	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp40774	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp41264	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp41308	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp41869	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp42143	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp42217	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp42488	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp42492	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp42555	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp42686	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp4279	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp42975	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp4323	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp43827	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp44101	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp44116	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp44492	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp45436	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp45462	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp45463	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp45769	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp45770	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp45904	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp46646	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp46751	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp46755	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp47252	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp47415	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp47438	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp47907	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp48108	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp48636	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp48744	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp48845	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp49817	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp5035	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp5057	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp5067	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp50773	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp50906	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp51141	RLP	LRR

<i>Capsella bursa-pastoris</i>	Cbp5197	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp52377	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp52378	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp52423	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp52571	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp52577	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp52579	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp52785	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp52787	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp52982	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp52983	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp53470	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp53472	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp5525	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp5526	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp6319	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp6620	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp6654	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp6658	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp7339	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp7586	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp7691	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp7692	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp8083	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp8111	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp8136	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp8400	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp8410	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp9261	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp9505	RLP	LRR
<i>Capsella bursa-pastoris</i>	Cbp9533	RLP	LRR
<i>Brassica cretica</i>	KAF3515794.1	NLR	CN
<i>Brassica cretica</i>	KAF3610902.1	NLR	CN
<i>Brassica cretica</i>	KAF3532707.1	NLR	CN
<i>Brassica cretica</i>	KAF3497108.1	NLR	CN
<i>Brassica cretica</i>	KAF3495114.1	NLR	CN
<i>Brassica cretica</i>	KAF3532451.1	NLR	CN
<i>Brassica cretica</i>	KAF3577281.1	NLR	CN
<i>Brassica cretica</i>	KAF3597557.1	NLR	CN
<i>Brassica cretica</i>	KAF3498007.1	NLR	CN
<i>Brassica cretica</i>	KAF3545115.1	NLR	CN
<i>Brassica cretica</i>	KAF3517781.1	NLR	CN
<i>Brassica cretica</i>	KAF3590472.1	NLR	CN
<i>Brassica cretica</i>	KAF3517049.1	NLR	CN
<i>Brassica cretica</i>	KAF3531071.1	NLR	CNL
<i>Brassica cretica</i>	KAF3531036.1	NLR	CNL
<i>Brassica cretica</i>	KAF3611428.1	NLR	CNL
<i>Brassica cretica</i>	KAF3516560.1	NLR	CNL
<i>Brassica cretica</i>	KAF3581220.1	NLR	CNL
<i>Brassica cretica</i>	KAF3497592.1	NLR	CNL
<i>Brassica cretica</i>	KAF3562989.1	NLR	CNL
<i>Brassica cretica</i>	KAF3596471.1	NLR	CNL
<i>Brassica cretica</i>	KAF3604874.1	NLR	CNL
<i>Brassica cretica</i>	KAF3531089.1	NLR	CNL
<i>Brassica cretica</i>	KAF3517760.1	NLR	CNL
<i>Brassica cretica</i>	KAF3516083.1	NLR	CNL
<i>Brassica cretica</i>	KAF3542362.1	NLR	CNL
<i>Brassica cretica</i>	KAF3521169.1	NLR	CNL
<i>Brassica cretica</i>	KAF3531129.1	NLR	CNL
<i>Brassica cretica</i>	KAF3596251.1	NLR	CNL
<i>Brassica cretica</i>	KAF3496834.1	NLR	CNL
<i>Brassica cretica</i>	KAF3550964.1	NLR	CNL

<i>Brassica cretica</i>	KAF3563011.1	NLR	CNL
<i>Brassica cretica</i>	KAF3564177.1	NLR	CNL
<i>Brassica cretica</i>	KAF3527492.1	NLR	CNL
<i>Brassica cretica</i>	KAF3566285.1	NLR	CNL
<i>Brassica cretica</i>	KAF3496263.1	NLR	CNL
<i>Brassica cretica</i>	KAF3576107.1	NLR	CNL
<i>Brassica cretica</i>	KAF3531911.1	NLR	CNL
<i>Brassica cretica</i>	KAF3567412.1	NLR	CNL
<i>Brassica cretica</i>	KAF3594269.1	NLR	CNL
<i>Brassica cretica</i>	KAF3597564.1	NLR	CNL
<i>Brassica cretica</i>	KAF3493463.1	NLR	CNL
<i>Brassica cretica</i>	KAF3579304.1	NLR	CNL
<i>Brassica cretica</i>	KAF3592429.1	NLR	CNL
<i>Brassica cretica</i>	KAF3564692.1	NLR	NBS
<i>Brassica cretica</i>	KAF3609115.1	NLR	NBS
<i>Brassica cretica</i>	KAF3497482.1	NLR	NBS
<i>Brassica cretica</i>	KAF3518230.1	NLR	NBS
<i>Brassica cretica</i>	KAF3566195.1	NLR	NBS
<i>Brassica cretica</i>	KAF3528543.1	NLR	NBS
<i>Brassica cretica</i>	KAF3519003.1	NLR	NBS
<i>Brassica cretica</i>	KAF3493296.1	NLR	NBS
<i>Brassica cretica</i>	KAF3517048.1	NLR	NBS
<i>Brassica cretica</i>	KAF3552568.1	NLR	NBS
<i>Brassica cretica</i>	KAF3609116.1	NLR	NBS
<i>Brassica cretica</i>	KAF3562520.1	NLR	NBS
<i>Brassica cretica</i>	KAF3592482.1	NLR	NBS
<i>Brassica cretica</i>	KAF3495510.1	NLR	NBS
<i>Brassica cretica</i>	KAF3530560.1	NLR	NBS
<i>Brassica cretica</i>	KAF3547007.1	NLR	NBS
<i>Brassica cretica</i>	KAF3580003.1	NLR	NBS
<i>Brassica cretica</i>	KAF3516960.1	NLR	NBS
<i>Brassica cretica</i>	KAF3552164.1	NLR	NBS
<i>Brassica cretica</i>	KAF3527232.1	NLR	NBS
<i>Brassica cretica</i>	KAF3565479.1	NLR	NBS
<i>Brassica cretica</i>	KAF3550114.1	NLR	NBS
<i>Brassica cretica</i>	KAF3517766.1	NLR	NBS
<i>Brassica cretica</i>	KAF3567523.1	NLR	NBS
<i>Brassica cretica</i>	KAF3561286.1	NLR	NBS
<i>Brassica cretica</i>	KAF3497488.1	NLR	NBS
<i>Brassica cretica</i>	KAF3591862.1	NLR	NBS
<i>Brassica cretica</i>	KAF3564888.1	NLR	NBS
<i>Brassica cretica</i>	KAF3565695.1	NLR	NL
<i>Brassica cretica</i>	KAF3496302.1	NLR	NL
<i>Brassica cretica</i>	KAF3596191.1	NLR	NL
<i>Brassica cretica</i>	KAF3564697.1	NLR	NL
<i>Brassica cretica</i>	KAF3543640.1	NLR	NL
<i>Brassica cretica</i>	KAF3495506.1	NLR	NL
<i>Brassica cretica</i>	KAF3596196.1	NLR	NL
<i>Brassica cretica</i>	KAF3590505.1	NLR	NL
<i>Brassica cretica</i>	KAF3546785.1	NLR	NL
<i>Brassica cretica</i>	KAF3565073.1	NLR	NL
<i>Brassica cretica</i>	KAF3607697.1	NLR	NL
<i>Brassica cretica</i>	KAF3568705.1	NLR	NL
<i>Brassica cretica</i>	KAF3544173.1	NLR	NL
<i>Brassica cretica</i>	KAF3578869.1	NLR	NL
<i>Brassica cretica</i>	KAF3543398.1	NLR	NL
<i>Brassica cretica</i>	KAF3568473.1	NLR	NL
<i>Brassica cretica</i>	KAF3494519.1	NLR	NL
<i>Brassica cretica</i>	KAF3582276.1	NLR	NL
<i>Brassica cretica</i>	KAF3527319.1	NLR	NL
<i>Brassica cretica</i>	KAF3498255.1	NLR	NL
<i>Brassica cretica</i>	KAF3546528.1	NLR	NL

<i>Brassica cretica</i>	KAF3527233.1	NLR	NL
<i>Brassica cretica</i>	KAF3567325.1	NLR	NL
<i>Brassica cretica</i>	KAF3532710.1	NLR	NL
<i>Brassica cretica</i>	KAF3566504.1	NLR	NL
<i>Brassica cretica</i>	KAF3530454.1	NLR	NL
<i>Brassica cretica</i>	KAF3528549.1	NLR	NL
<i>Brassica cretica</i>	KAF3520289.1	NLR	NL
<i>Brassica cretica</i>	KAF3560671.1	NLR	NL
<i>Brassica cretica</i>	KAF3568104.1	NLR	NL
<i>Brassica cretica</i>	KAF3546722.1	NLR	NL
<i>Brassica cretica</i>	KAF3543048.1	NLR	NL
<i>Brassica cretica</i>	KAF3548145.1	NLR	NL
<i>Brassica cretica</i>	KAF3529291.1	NLR	NL
<i>Brassica cretica</i>	KAF3546097.1	NLR	NL
<i>Brassica cretica</i>	KAF3527235.1	NLR	NL
<i>Brassica cretica</i>	KAF3575497.1	NLR	NL
<i>Brassica cretica</i>	KAF3549348.1	NLR	NL
<i>Brassica cretica</i>	KAF3594610.1	NLR	NL
<i>Brassica cretica</i>	KAF3521170.1	NLR	NL
<i>Brassica cretica</i>	KAF3548547.1	NLR	NL
<i>Brassica cretica</i>	KAF3567875.1	NLR	NL
<i>Brassica cretica</i>	KAF3563457.1	NLR	NL
<i>Brassica cretica</i>	KAF3592220.1	NLR	NL
<i>Brassica cretica</i>	KAF3519034.1	NLR	NL
<i>Brassica cretica</i>	KAF3606031.1	NLR	NL
<i>Brassica cretica</i>	KAF3564885.1	NLR	NL
<i>Brassica cretica</i>	KAF3547008.1	NLR	NL
<i>Brassica cretica</i>	KAF3593132.1	NLR	NL
<i>Brassica cretica</i>	KAF3610903.1	NLR	NL
<i>Brassica cretica</i>	KAF3564691.1	NLR	NL
<i>Brassica cretica</i>	KAF3531620.1	NLR	NL
<i>Brassica cretica</i>	KAF3567302.1	NLR	NL
<i>Brassica cretica</i>	KAF3498111.1	NLR	NL
<i>Brassica cretica</i>	KAF3591671.1	NLR	NL
<i>Brassica cretica</i>	KAF3546786.1	NLR	NL
<i>Brassica cretica</i>	KAF3569282.1	NLR	NL
<i>Brassica cretica</i>	KAF3606819.1	NLR	NL
<i>Brassica cretica</i>	KAF3569280.1	NLR	NL
<i>Brassica cretica</i>	KAF3564113.1	NLR	NL
<i>Brassica cretica</i>	KAF3596919.1	NLR	NL
<i>Brassica cretica</i>	KAF3568451.1	NLR	NL
<i>Brassica cretica</i>	KAF3560565.1	NLR	NL
<i>Brassica cretica</i>	KAF3533427.1	NLR	NL
<i>Brassica cretica</i>	KAF3493888.1	NLR	NL
<i>Brassica cretica</i>	KAF3567662.1	NLR	NL
<i>Brassica cretica</i>	KAF3496261.1	NLR	NL
<i>Brassica cretica</i>	KAF3549138.1	NLR	NL
<i>Brassica cretica</i>	KAF3579404.1	NLR	NL
<i>Brassica cretica</i>	KAF3567395.1	NLR	NL
<i>Brassica cretica</i>	KAF3542303.1	NLR	NL
<i>Brassica cretica</i>	KAF3496083.1	NLR	NL
<i>Brassica cretica</i>	KAF3591133.1	NLR	NL
<i>Brassica cretica</i>	KAF3534215.1	NLR	NL
<i>Brassica cretica</i>	KAF3611537.1	NLR	NL
<i>Brassica cretica</i>	KAF3561134.1	NLR	NL
<i>Brassica cretica</i>	KAF3532444.1	NLR	Other-NLR
<i>Brassica cretica</i>	KAF3595301.1	NLR	Other-NLR
<i>Brassica cretica</i>	KAF3521051.1	NLR	Other-NLR
<i>Brassica cretica</i>	KAF3496476.1	NLR	Other-NLR
<i>Brassica cretica</i>	KAF3498623.1	NLR	Other-NLR
<i>Brassica cretica</i>	KAF3547879.1	NLR	Other-NLR
<i>Brassica cretica</i>	KAF3519002.1	NLR	TN

<i>Brassica cretica</i>	KAF3543644.1	NLR	TN
<i>Brassica cretica</i>	KAF3580195.1	NLR	TN
<i>Brassica cretica</i>	KAF3611543.1	NLR	TN
<i>Brassica cretica</i>	KAF3547908.1	NLR	TN
<i>Brassica cretica</i>	KAF3567144.1	NLR	TN
<i>Brassica cretica</i>	KAF3542213.1	NLR	TN
<i>Brassica cretica</i>	KAF3517359.1	NLR	TN
<i>Brassica cretica</i>	KAF3519854.1	NLR	TNL
<i>Brassica cretica</i>	KAF3552163.1	NLR	TNL
<i>Brassica cretica</i>	KAF3607898.1	NLR	TNL
<i>Brassica cretica</i>	KAF3575962.1	NLR	TNL
<i>Brassica cretica</i>	KAF3591138.1	NLR	TNL
<i>Brassica cretica</i>	KAF3564886.1	NLR	TNL
<i>Brassica cretica</i>	KAF3594265.1	NLR	TNL
<i>Brassica cretica</i>	KAF3596494.1	NLR	TNL
<i>Brassica cretica</i>	KAF3580395.1	NLR	TNL
<i>Brassica cretica</i>	KAF3519814.1	NLR	TNL
<i>Brassica cretica</i>	KAF3528035.1	NLR	TNL
<i>Brassica cretica</i>	KAF3564720.1	NLR	TNL
<i>Brassica cretica</i>	KAF3549399.1	NLR	TNL
<i>Brassica cretica</i>	KAF3493997.1	NLR	TNL
<i>Brassica cretica</i>	KAF3564694.1	NLR	TNL
<i>Brassica cretica</i>	KAF3593075.1	NLR	TNL
<i>Brassica cretica</i>	KAF3517358.1	NLR	TNL
<i>Brassica cretica</i>	KAF3593074.1	NLR	TNL
<i>Brassica cretica</i>	KAF3578478.1	NLR	TNL
<i>Brassica cretica</i>	KAF3544379.1	NLR	TNL
<i>Brassica cretica</i>	KAF3593072.1	NLR	TNL
<i>Brassica cretica</i>	KAF3530939.1	NLR	TNL
<i>Brassica cretica</i>	KAF3564688.1	NLR	TNL
<i>Brassica cretica</i>	KAF3533397.1	NLR	TNL
<i>Brassica cretica</i>	KAF3493994.1	NLR	TNL
<i>Brassica cretica</i>	KAF3566292.1	NLR	TNL
<i>Brassica cretica</i>	KAF3496464.1	NLR	TNL
<i>Brassica cretica</i>	KAF3542239.1	NLR	TX
<i>Brassica cretica</i>	KAF3516321.1	NLR	TX
<i>Brassica cretica</i>	KAF3590309.1	NLR	TX
<i>Brassica cretica</i>	KAF3611548.1	NLR	TX
<i>Brassica cretica</i>	KAF3594266.1	NLR	TX
<i>Brassica cretica</i>	KAF3563462.1	NLR	TX
<i>Brassica cretica</i>	KAF3531070.1	NLR	TX
<i>Brassica cretica</i>	KAF3516344.1	NLR	TX
<i>Brassica cretica</i>	KAF3611063.1	NLR	TX
<i>Brassica cretica</i>	KAF3533451.1	NLR	TX
<i>Brassica cretica</i>	KAF3533400.1	NLR	TX
<i>Brassica cretica</i>	KAF3575596.1	NLR	TX
<i>Brassica cretica</i>	KAF3518309.1	NLR	TX
<i>Brassica cretica</i>	KAF3521234.1	NLR	TX
<i>Brassica cretica</i>	KAF3543681.1	NLR	TX
<i>Brassica cretica</i>	KAF3563585.1	NLR	TX
<i>Brassica cretica</i>	KAF3542835.1	NLR	TX
<i>Brassica cretica</i>	KAF3593112.1	NLR	TX
<i>Brassica cretica</i>	KAF3533653.1	NLR	TX
<i>Brassica cretica</i>	KAF3568665.1	NLR	TX
<i>Brassica cretica</i>	KAF3604833.1	NLR	TX
<i>Brassica cretica</i>	KAF3533283.1	NLR	TX
<i>Brassica cretica</i>	KAF3563333.1	NLR	TX
<i>Brassica cretica</i>	KAF3528674.1	NLR	TX
<i>Brassica cretica</i>	KAF3595295.1	NLR	TX
<i>Brassica cretica</i>	KAF3550962.1	NLR	TX
<i>Brassica cretica</i>	KAF3565187.1	NLR	TX
<i>Brassica cretica</i>	KAF3590504.1	NLR	TX



<i>Brassica cretica</i>	KAF3593080.1	NLR	TX
<i>Brassica cretica</i>	KAF3594653.1	NLR	TX
<i>Brassica cretica</i>	KAF3498668.1	NLR	TX
<i>Brassica cretica</i>	KAF3563329.1	NLR	TX
<i>Brassica cretica</i>	KAF3533281.1	NLR	TX
<i>Brassica cretica</i>	KAF3564882.1	NLR	TX
<i>Brassica cretica</i>	KAF3549351.1	NLR	TX
<i>Brassica cretica</i>	KAF3493744.1	NLR	TX
<i>Brassica cretica</i>	KAF3550957.1	NLR	TX
<i>Brassica cretica</i>	KAF3610231.1	NLR	TX
<i>Brassica cretica</i>	KAF3561285.1	NLR	TX
<i>Brassica cretica</i>	KAF3534383.1	NLR	TX
<i>Brassica cretica</i>	KAF3548279.1	NLR	TX
<i>Brassica cretica</i>	KAF3492592.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3492596.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3492731.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3492733.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3492735.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3492745.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3492749.1	RLK	LRR
<i>Brassica cretica</i>	KAF3492751.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3492933.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3492934.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3492935.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3492967.1	RLK	LRR
<i>Brassica cretica</i>	KAF3493063.1	RLK	LRR
<i>Brassica cretica</i>	KAF3493186.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3493333.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3493439.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3493548.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3493574.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3493737.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3493818.1	RLK	LRR
<i>Brassica cretica</i>	KAF3493832.1	RLK	LRR
<i>Brassica cretica</i>	KAF3493920.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3493992.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3494148.1	RLK	LRR
<i>Brassica cretica</i>	KAF3494215.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3494425.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3494816.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3495290.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3495444.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3495473.1	RLK	LRR
<i>Brassica cretica</i>	KAF3495560.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3495581.1	RLK	LRR
<i>Brassica cretica</i>	KAF3495654.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3495756.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3495821.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3496003.1	RLK	LRR
<i>Brassica cretica</i>	KAF3496166.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3496194.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3496246.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3496353.1	RLK	LRR
<i>Brassica cretica</i>	KAF3496397.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3496550.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3496579.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3496870.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3496930.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3497023.1	RLK	LRR
<i>Brassica cretica</i>	KAF3497077.1	RLK	LRR
<i>Brassica cretica</i>	KAF3497083.1	RLK	LRR
<i>Brassica cretica</i>	KAF3497287.1	RLK	Other-RLK

<i>Brassica cretica</i>	KAF3497563.1	RLK	LRR
<i>Brassica cretica</i>	KAF3497701.1	RLK	LRR
<i>Brassica cretica</i>	KAF3497883.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3498026.1	RLK	LRR
<i>Brassica cretica</i>	KAF3498202.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3498249.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3498264.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3498289.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3498418.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3498621.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3498651.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3498652.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3498693.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3498694.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3498700.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3498799.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3498892.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3498899.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3515676.1	RLK	LRR
<i>Brassica cretica</i>	KAF3515833.1	RLK	LRR
<i>Brassica cretica</i>	KAF3515929.1	RLK	LRR
<i>Brassica cretica</i>	KAF3516086.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3516499.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3516545.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3516572.1	RLK	LRR
<i>Brassica cretica</i>	KAF3516952.1	RLK	LRR
<i>Brassica cretica</i>	KAF3516999.1	RLK	LRR
<i>Brassica cretica</i>	KAF3517164.1	RLK	LRR
<i>Brassica cretica</i>	KAF3517169.1	RLK	LRR
<i>Brassica cretica</i>	KAF3517170.1	RLK	LRR
<i>Brassica cretica</i>	KAF3517306.1	RLK	LRR
<i>Brassica cretica</i>	KAF3517595.1	RLK	LRR
<i>Brassica cretica</i>	KAF3517682.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3517683.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3517711.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3517820.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3518026.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3518185.1	RLK	LRR
<i>Brassica cretica</i>	KAF3518237.1	RLK	LRR
<i>Brassica cretica</i>	KAF3518269.1	RLK	LRR
<i>Brassica cretica</i>	KAF3518354.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3518437.1	RLK	LRR
<i>Brassica cretica</i>	KAF3518606.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3518747.1	RLK	LRR
<i>Brassica cretica</i>	KAF3518923.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3518960.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3519129.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3519277.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3519392.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3519407.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3519770.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3519793.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3519811.1	RLK	LRR
<i>Brassica cretica</i>	KAF3519887.1	RLK	LRR
<i>Brassica cretica</i>	KAF3519919.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3519941.1	RLK	LRR
<i>Brassica cretica</i>	KAF3520061.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3520244.1	RLK	LRR
<i>Brassica cretica</i>	KAF3520406.1	RLK	LRR
<i>Brassica cretica</i>	KAF3520527.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3520640.1	RLK	Lysm
<i>Brassica cretica</i>	KAF3520641.1	RLK	Other-RLK

<i>Brassica cretica</i>	KAF3520776.1	RLK	LRR
<i>Brassica cretica</i>	KAF3520930.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3520948.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3521057.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3527320.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3527321.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3527324.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3527376.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3527487.1	RLK	LRR
<i>Brassica cretica</i>	KAF3527555.1	RLK	LRR
<i>Brassica cretica</i>	KAF3528003.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3528024.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3528097.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3528149.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3528741.1	RLK	LRR
<i>Brassica cretica</i>	KAF3528749.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3528879.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3528964.1	RLK	LRR
<i>Brassica cretica</i>	KAF3529063.1	RLK	LRR
<i>Brassica cretica</i>	KAF3529220.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3529224.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3529305.1	RLK	LRR
<i>Brassica cretica</i>	KAF3529346.1	RLK	LRR
<i>Brassica cretica</i>	KAF3529350.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3529368.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3529401.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3529402.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3529537.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3529538.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3529579.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3529641.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3529669.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3529787.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3530016.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3530206.1	RLK	LRR
<i>Brassica cretica</i>	KAF3530240.1	RLK	LRR
<i>Brassica cretica</i>	KAF3530338.1	RLK	LRR
<i>Brassica cretica</i>	KAF3530401.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3530412.1	RLK	LRR
<i>Brassica cretica</i>	KAF3530441.1	RLK	LRR
<i>Brassica cretica</i>	KAF3530536.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3530598.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3530599.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3530670.1	RLK	LRR
<i>Brassica cretica</i>	KAF3530718.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3530720.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3531120.1	RLK	LRR
<i>Brassica cretica</i>	KAF3531197.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3531306.1	RLK	LRR
<i>Brassica cretica</i>	KAF3531321.1	RLK	LRR
<i>Brassica cretica</i>	KAF3531340.1	RLK	LRR
<i>Brassica cretica</i>	KAF3531393.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3531394.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3531405.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3531409.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3531506.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3531590.1	RLK	LRR
<i>Brassica cretica</i>	KAF3531635.1	RLK	LRR
<i>Brassica cretica</i>	KAF3531701.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3531702.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3531769.1	RLK	LRR
<i>Brassica cretica</i>	KAF3532193.1	RLK	Other-RLK

<i>Brassica cretica</i>	KAF3532197.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3532250.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3532566.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3532682.1	RLK	LRR
<i>Brassica cretica</i>	KAF3532727.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3532813.1	RLK	LRR
<i>Brassica cretica</i>	KAF3533106.1	RLK	LRR
<i>Brassica cretica</i>	KAF3533454.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3533455.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3533742.1	RLK	LRR
<i>Brassica cretica</i>	KAF3533744.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3534109.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3534120.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3534161.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3534207.1	RLK	LRR
<i>Brassica cretica</i>	KAF3534208.1	RLK	LRR
<i>Brassica cretica</i>	KAF3534255.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3534307.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3534397.1	RLK	LRR
<i>Brassica cretica</i>	KAF3534726.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3534760.1	RLK	LRR
<i>Brassica cretica</i>	KAF3534780.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3534896.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3534991.1	RLK	LRR
<i>Brassica cretica</i>	KAF3542231.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3542552.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3542635.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3542856.1	RLK	LRR
<i>Brassica cretica</i>	KAF3542884.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3543004.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3543304.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3543395.1	RLK	LRR
<i>Brassica cretica</i>	KAF3543401.1	RLK	LRR
<i>Brassica cretica</i>	KAF3543503.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3543538.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3543659.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3543661.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3543819.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3544014.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3544176.1	RLK	LRR
<i>Brassica cretica</i>	KAF3544326.1	RLK	LRR
<i>Brassica cretica</i>	KAF3544482.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3544600.1	RLK	LRR
<i>Brassica cretica</i>	KAF3544714.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3544726.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3544740.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3544901.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3544905.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3544906.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3544907.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3545061.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3545258.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3545319.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3545417.1	RLK	LRR
<i>Brassica cretica</i>	KAF3545426.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3545513.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3545599.1	RLK	LRR
<i>Brassica cretica</i>	KAF3545637.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3545713.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3545767.1	RLK	LRR
<i>Brassica cretica</i>	KAF3545858.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3545892.1	RLK	LRR

<i>Brassica cretica</i>	KAF3546006.1	RLK	LRR
<i>Brassica cretica</i>	KAF3546043.1	RLK	LRR
<i>Brassica cretica</i>	KAF3546077.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3546166.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3546222.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3546267.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3546433.1	RLK	LRR
<i>Brassica cretica</i>	KAF3546640.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3546646.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3546697.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3546747.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3546825.1	RLK	LRR
<i>Brassica cretica</i>	KAF3546836.1	RLK	LRR
<i>Brassica cretica</i>	KAF3546841.1	RLK	LRR
<i>Brassica cretica</i>	KAF3546970.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3547175.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3547271.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3547440.1	RLK	LRR
<i>Brassica cretica</i>	KAF3547513.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3547525.1	RLK	LRR
<i>Brassica cretica</i>	KAF3547528.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3547618.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3547657.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3547660.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3547678.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3547685.1	RLK	LRR
<i>Brassica cretica</i>	KAF3547842.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3547917.1	RLK	LRR
<i>Brassica cretica</i>	KAF3548122.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3548255.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3548407.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3548579.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3548747.1	RLK	LRR
<i>Brassica cretica</i>	KAF3548895.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3548896.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3549092.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3549183.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3549227.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3549228.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3549230.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3549445.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3549501.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3549517.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3549718.1	RLK	LRR
<i>Brassica cretica</i>	KAF3549720.1	RLK	LRR
<i>Brassica cretica</i>	KAF3549721.1	RLK	LRR
<i>Brassica cretica</i>	KAF3549823.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3549886.1	RLK	LRR
<i>Brassica cretica</i>	KAF3550204.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3550205.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3550207.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3550237.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3550258.1	RLK	LRR
<i>Brassica cretica</i>	KAF3550268.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3550289.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3550535.1	RLK	LRR
<i>Brassica cretica</i>	KAF3550654.1	RLK	LRR
<i>Brassica cretica</i>	KAF3550746.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3550987.1	RLK	LRR
<i>Brassica cretica</i>	KAF3551134.1	RLK	LRR
<i>Brassica cretica</i>	KAF3551208.1	RLK	LRR
<i>Brassica cretica</i>	KAF3551215.1	RLK	LRR

<i>Brassica cretica</i>	KAF3551216.1	RLK	LRR
<i>Brassica cretica</i>	KAF3551520.1	RLK	LRR
<i>Brassica cretica</i>	KAF3551801.1	RLK	LRR
<i>Brassica cretica</i>	KAF3551804.1	RLK	LRR
<i>Brassica cretica</i>	KAF3551806.1	RLK	LRR
<i>Brassica cretica</i>	KAF3552088.1	RLK	LRR
<i>Brassica cretica</i>	KAF3552125.1	RLK	LRR
<i>Brassica cretica</i>	KAF3552152.1	RLK	LRR
<i>Brassica cretica</i>	KAF3552369.1	RLK	LRR
<i>Brassica cretica</i>	KAF3552472.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3560512.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3560562.1	RLK	LRR
<i>Brassica cretica</i>	KAF3560572.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3560574.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3560652.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3560654.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3561033.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3561064.1	RLK	LRR
<i>Brassica cretica</i>	KAF3561149.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3561395.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3561444.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3561469.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3561519.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3561557.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3561578.1	RLK	LRR
<i>Brassica cretica</i>	KAF3561775.1	RLK	LRR
<i>Brassica cretica</i>	KAF3562030.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3562133.1	RLK	LRR
<i>Brassica cretica</i>	KAF3562170.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3562210.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3562340.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3562511.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3562548.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3562760.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3562943.1	RLK	LRR
<i>Brassica cretica</i>	KAF3563235.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3563391.1	RLK	LRR
<i>Brassica cretica</i>	KAF3563497.1	RLK	LRR
<i>Brassica cretica</i>	KAF3563499.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3563679.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3563680.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3563681.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3563715.1	RLK	LRR
<i>Brassica cretica</i>	KAF3563725.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3563845.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3564141.1	RLK	LRR
<i>Brassica cretica</i>	KAF3564399.1	RLK	LRR
<i>Brassica cretica</i>	KAF3564458.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3564635.1	RLK	LRR
<i>Brassica cretica</i>	KAF3564661.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3564872.1	RLK	LRR
<i>Brassica cretica</i>	KAF3564878.1	RLK	LRR
<i>Brassica cretica</i>	KAF3565048.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3565049.1	RLK	LRR
<i>Brassica cretica</i>	KAF3565055.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3565146.1	RLK	LRR
<i>Brassica cretica</i>	KAF3565177.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3565181.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3565184.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3565185.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3565405.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3565410.1	RLK	Other-RLK

<i>Brassica cretica</i>	KAF3565537.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3565641.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3565656.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3565805.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3566013.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3566190.1	RLK	LRR
<i>Brassica cretica</i>	KAF3566206.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3566357.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3566359.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3566407.1	RLK	LRR
<i>Brassica cretica</i>	KAF3566420.1	RLK	LRR
<i>Brassica cretica</i>	KAF3566664.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3566685.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3566800.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3566982.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3567039.1	RLK	LRR
<i>Brassica cretica</i>	KAF3567156.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3567231.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3567250.1	RLK	LRR
<i>Brassica cretica</i>	KAF3567301.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3567358.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3567385.1	RLK	LRR
<i>Brassica cretica</i>	KAF3567444.1	RLK	LRR
<i>Brassica cretica</i>	KAF3567467.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3567647.1	RLK	LRR
<i>Brassica cretica</i>	KAF3567648.1	RLK	LRR
<i>Brassica cretica</i>	KAF3567894.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3568114.1	RLK	LRR
<i>Brassica cretica</i>	KAF3568267.1	RLK	LRR
<i>Brassica cretica</i>	KAF3568523.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3568533.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3568610.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3568699.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3568938.1	RLK	LRR
<i>Brassica cretica</i>	KAF3569083.1	RLK	LRR
<i>Brassica cretica</i>	KAF3569266.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3569306.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3569373.1	RLK	LRR
<i>Brassica cretica</i>	KAF3569515.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3575639.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3575689.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3575692.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3575772.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3575849.1	RLK	LRR
<i>Brassica cretica</i>	KAF3576064.1	RLK	LRR
<i>Brassica cretica</i>	KAF3576067.1	RLK	LRR
<i>Brassica cretica</i>	KAF3576292.1	RLK	LRR
<i>Brassica cretica</i>	KAF3576511.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3576630.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3576748.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3576827.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3577217.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3577276.1	RLK	LRR
<i>Brassica cretica</i>	KAF3577283.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3577290.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3577550.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3577558.1	RLK	Lysm
<i>Brassica cretica</i>	KAF3577740.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3577991.1	RLK	LRR
<i>Brassica cretica</i>	KAF3578012.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3578022.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3578117.1	RLK	Other-RLK

<i>Brassica cretica</i>	KAF3578206.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3578558.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3578564.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3578575.1	RLK	LRR
<i>Brassica cretica</i>	KAF3578797.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3578898.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3578905.1	RLK	LRR
<i>Brassica cretica</i>	KAF3578912.1	RLK	LRR
<i>Brassica cretica</i>	KAF3579069.1	RLK	LRR
<i>Brassica cretica</i>	KAF3579186.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3579196.1	RLK	LRR
<i>Brassica cretica</i>	KAF3579334.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3579457.1	RLK	LRR
<i>Brassica cretica</i>	KAF3579469.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3579504.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3579525.1	RLK	LRR
<i>Brassica cretica</i>	KAF3579608.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3579734.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3579800.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3579851.1	RLK	LRR
<i>Brassica cretica</i>	KAF3579852.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3579889.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3579909.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3580065.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3580282.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3580383.1	RLK	LRR
<i>Brassica cretica</i>	KAF3580466.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3580522.1	RLK	LRR
<i>Brassica cretica</i>	KAF3580643.1	RLK	LRR
<i>Brassica cretica</i>	KAF3580951.1	RLK	LRR
<i>Brassica cretica</i>	KAF3581175.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3581323.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3581377.1	RLK	LRR
<i>Brassica cretica</i>	KAF3581405.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3581439.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3581517.1	RLK	LRR
<i>Brassica cretica</i>	KAF3581547.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3581568.1	RLK	LRR
<i>Brassica cretica</i>	KAF3581707.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3581847.1	RLK	LRR
<i>Brassica cretica</i>	KAF3581968.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3582157.1	RLK	LRR
<i>Brassica cretica</i>	KAF3582274.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3582602.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3582635.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3582684.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3582773.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3582824.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3582977.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3583049.1	RLK	LRR
<i>Brassica cretica</i>	KAF3590220.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3590225.1	RLK	LRR
<i>Brassica cretica</i>	KAF3590229.1	RLK	LRR
<i>Brassica cretica</i>	KAF3590590.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3590620.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3590644.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3590807.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3591051.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3591219.1	RLK	LRR
<i>Brassica cretica</i>	KAF3591238.1	RLK	LRR
<i>Brassica cretica</i>	KAF3591262.1	RLK	LRR
<i>Brassica cretica</i>	KAF3591292.1	RLK	LRR



<i>Brassica cretica</i>	KAF3591324.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3591325.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3591329.1	RLK	LRR
<i>Brassica cretica</i>	KAF3591550.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3591613.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3591810.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3591952.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3591956.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3591957.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3591958.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3591959.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3591961.1	RLK	LRR
<i>Brassica cretica</i>	KAF3591997.1	RLK	LRR
<i>Brassica cretica</i>	KAF3592238.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3592381.1	RLK	LRR
<i>Brassica cretica</i>	KAF3592477.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3592750.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3593012.1	RLK	LRR
<i>Brassica cretica</i>	KAF3593070.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3593223.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3593432.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3593658.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3593750.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3593886.1	RLK	LRR
<i>Brassica cretica</i>	KAF3594039.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3594063.1	RLK	LRR
<i>Brassica cretica</i>	KAF3594068.1	RLK	LRR
<i>Brassica cretica</i>	KAF3594134.1	RLK	LRR
<i>Brassica cretica</i>	KAF3594145.1	RLK	LRR
<i>Brassica cretica</i>	KAF3594381.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3594382.1	RLK	LRR
<i>Brassica cretica</i>	KAF3594541.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3594672.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3594681.1	RLK	LRR
<i>Brassica cretica</i>	KAF3594687.1	RLK	LRR
<i>Brassica cretica</i>	KAF3594897.1	RLK	LRR
<i>Brassica cretica</i>	KAF3594900.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3594942.1	RLK	LRR
<i>Brassica cretica</i>	KAF3594973.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3594980.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3595027.1	RLK	LRR
<i>Brassica cretica</i>	KAF3595050.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3595485.1	RLK	LRR
<i>Brassica cretica</i>	KAF3595551.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3595681.1	RLK	LRR
<i>Brassica cretica</i>	KAF3595709.1	RLK	LRR
<i>Brassica cretica</i>	KAF3595813.1	RLK	LRR
<i>Brassica cretica</i>	KAF3595854.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3595859.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3595966.1	RLK	LRR
<i>Brassica cretica</i>	KAF3596107.1	RLK	LRR
<i>Brassica cretica</i>	KAF3596246.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3596346.1	RLK	LRR
<i>Brassica cretica</i>	KAF3596398.1	RLK	LRR
<i>Brassica cretica</i>	KAF3596599.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3596614.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3596617.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3596659.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3596668.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3596767.1	RLK	LRR
<i>Brassica cretica</i>	KAF3596777.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3596797.1	RLK	LRR

<i>Brassica cretica</i>	KAF3596816.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3596851.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3597060.1	RLK	LRR
<i>Brassica cretica</i>	KAF3597102.1	RLK	LRR
<i>Brassica cretica</i>	KAF3597152.1	RLK	LRR
<i>Brassica cretica</i>	KAF3597652.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3597752.1	RLK	LRR
<i>Brassica cretica</i>	KAF3597836.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3597898.1	RLK	LRR
<i>Brassica cretica</i>	KAF3598012.1	RLK	LRR
<i>Brassica cretica</i>	KAF3598086.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3598156.1	RLK	LRR
<i>Brassica cretica</i>	KAF3604826.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3604840.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3604915.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3605237.1	RLK	LRR
<i>Brassica cretica</i>	KAF3605528.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3605539.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3605730.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3605757.1	RLK	LRR
<i>Brassica cretica</i>	KAF3605812.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3605881.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3605888.1	RLK	LRR
<i>Brassica cretica</i>	KAF3605995.1	RLK	LRR
<i>Brassica cretica</i>	KAF3606163.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3606164.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3606261.1	RLK	LRR
<i>Brassica cretica</i>	KAF3606329.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3606718.1	RLK	LRR
<i>Brassica cretica</i>	KAF3606752.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3606881.1	RLK	LRR
<i>Brassica cretica</i>	KAF3606939.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3607186.1	RLK	LRR
<i>Brassica cretica</i>	KAF3607204.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3607292.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3607675.1	RLK	LRR
<i>Brassica cretica</i>	KAF3607908.1	RLK	LRR
<i>Brassica cretica</i>	KAF3607936.1	RLK	LRR
<i>Brassica cretica</i>	KAF3608273.1	RLK	LRR
<i>Brassica cretica</i>	KAF3608474.1	RLK	LRR
<i>Brassica cretica</i>	KAF3608549.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3609052.1	RLK	LRR
<i>Brassica cretica</i>	KAF3609185.1	RLK	LRR
<i>Brassica cretica</i>	KAF3609405.1	RLK	LRR
<i>Brassica cretica</i>	KAF3609485.1	RLK	LRR
<i>Brassica cretica</i>	KAF3609513.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3609522.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3609537.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3609633.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3609786.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3609906.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3609935.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3610095.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3610674.1	RLK	LRR
<i>Brassica cretica</i>	KAF3610783.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3610809.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3610851.1	RLK	Lysm
<i>Brassica cretica</i>	KAF3610959.1	RLK	LRR
<i>Brassica cretica</i>	KAF3611012.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3611101.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3611546.1	RLK	LRR
<i>Brassica cretica</i>	KAF3611659.1	RLK	LRR

<i>Brassica cretica</i>	KAF3611776.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3611825.1	RLK	LRR
<i>Brassica cretica</i>	KAF3611901.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3611902.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3611970.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3611993.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3612069.1	RLK	Other-RLK
<i>Brassica cretica</i>	KAF3492795.1	RLP	LRR
<i>Brassica cretica</i>	KAF3492846.1	RLP	LRR
<i>Brassica cretica</i>	KAF3493125.1	RLP	Lysm
<i>Brassica cretica</i>	KAF3495299.1	RLP	LRR
<i>Brassica cretica</i>	KAF3495711.1	RLP	LRR
<i>Brassica cretica</i>	KAF3495939.1	RLP	LRR
<i>Brassica cretica</i>	KAF3496031.1	RLP	LRR
<i>Brassica cretica</i>	KAF3496187.1	RLP	LRR
<i>Brassica cretica</i>	KAF3496193.1	RLP	LRR
<i>Brassica cretica</i>	KAF3496538.1	RLP	LRR
<i>Brassica cretica</i>	KAF3496742.1	RLP	LRR
<i>Brassica cretica</i>	KAF3496993.1	RLP	LRR
<i>Brassica cretica</i>	KAF3497409.1	RLP	LRR
<i>Brassica cretica</i>	KAF3497625.1	RLP	LRR
<i>Brassica cretica</i>	KAF3497647.1	RLP	LRR
<i>Brassica cretica</i>	KAF3497651.1	RLP	LRR
<i>Brassica cretica</i>	KAF3497769.1	RLP	LRR
<i>Brassica cretica</i>	KAF3497809.1	RLP	LRR
<i>Brassica cretica</i>	KAF3498935.1	RLP	LRR
<i>Brassica cretica</i>	KAF3515489.1	RLP	LRR
<i>Brassica cretica</i>	KAF3515583.1	RLP	LRR
<i>Brassica cretica</i>	KAF3515587.1	RLP	LRR
<i>Brassica cretica</i>	KAF3515909.1	RLP	LRR
<i>Brassica cretica</i>	KAF3516628.1	RLP	LRR
<i>Brassica cretica</i>	KAF3517247.1	RLP	LRR
<i>Brassica cretica</i>	KAF3517249.1	RLP	LRR
<i>Brassica cretica</i>	KAF3517872.1	RLP	LRR
<i>Brassica cretica</i>	KAF3518061.1	RLP	LRR
<i>Brassica cretica</i>	KAF3519282.1	RLP	LRR
<i>Brassica cretica</i>	KAF3519381.1	RLP	LRR
<i>Brassica cretica</i>	KAF3519475.1	RLP	LRR
<i>Brassica cretica</i>	KAF3519685.1	RLP	LRR
<i>Brassica cretica</i>	KAF3520182.1	RLP	LRR
<i>Brassica cretica</i>	KAF3520760.1	RLP	LRR
<i>Brassica cretica</i>	KAF3520873.1	RLP	LRR
<i>Brassica cretica</i>	KAF3521027.1	RLP	LRR
<i>Brassica cretica</i>	KAF3527819.1	RLP	LRR
<i>Brassica cretica</i>	KAF3528544.1	RLP	LRR
<i>Brassica cretica</i>	KAF3528757.1	RLP	LRR
<i>Brassica cretica</i>	KAF3529312.1	RLP	LRR
<i>Brassica cretica</i>	KAF3529323.1	RLP	LRR
<i>Brassica cretica</i>	KAF3529880.1	RLP	LRR
<i>Brassica cretica</i>	KAF3531136.1	RLP	LRR
<i>Brassica cretica</i>	KAF3532173.1	RLP	LRR
<i>Brassica cretica</i>	KAF3532176.1	RLP	LRR
<i>Brassica cretica</i>	KAF3532638.1	RLP	LRR
<i>Brassica cretica</i>	KAF3532641.1	RLP	LRR
<i>Brassica cretica</i>	KAF3532646.1	RLP	LRR
<i>Brassica cretica</i>	KAF3533009.1	RLP	LRR
<i>Brassica cretica</i>	KAF3533676.1	RLP	LRR
<i>Brassica cretica</i>	KAF3542247.1	RLP	LRR
<i>Brassica cretica</i>	KAF3542341.1	RLP	LRR
<i>Brassica cretica</i>	KAF3543027.1	RLP	LRR
<i>Brassica cretica</i>	KAF3543527.1	RLP	LRR
<i>Brassica cretica</i>	KAF3544388.1	RLP	LRR

<i>Brassica cretica</i>	KAF3544496.1	RLP	LRR
<i>Brassica cretica</i>	KAF3544613.1	RLP	LRR
<i>Brassica cretica</i>	KAF3544789.1	RLP	LRR
<i>Brassica cretica</i>	KAF3545126.1	RLP	LRR
<i>Brassica cretica</i>	KAF3545844.1	RLP	LRR
<i>Brassica cretica</i>	KAF3545923.1	RLP	LRR
<i>Brassica cretica</i>	KAF3546057.1	RLP	LRR
<i>Brassica cretica</i>	KAF3546153.1	RLP	LRR
<i>Brassica cretica</i>	KAF3546461.1	RLP	LRR
<i>Brassica cretica</i>	KAF3547794.1	RLP	LRR
<i>Brassica cretica</i>	KAF3548035.1	RLP	LRR
<i>Brassica cretica</i>	KAF3548123.1	RLP	LRR
<i>Brassica cretica</i>	KAF3548840.1	RLP	LRR
<i>Brassica cretica</i>	KAF3549191.1	RLP	LRR
<i>Brassica cretica</i>	KAF3549193.1	RLP	LRR
<i>Brassica cretica</i>	KAF3550014.1	RLP	LRR
<i>Brassica cretica</i>	KAF3550447.1	RLP	LRR
<i>Brassica cretica</i>	KAF3550923.1	RLP	LRR
<i>Brassica cretica</i>	KAF3551131.1	RLP	LRR
<i>Brassica cretica</i>	KAF3551280.1	RLP	LRR
<i>Brassica cretica</i>	KAF3551561.1	RLP	LRR
<i>Brassica cretica</i>	KAF3551685.1	RLP	LRR
<i>Brassica cretica</i>	KAF3551908.1	RLP	LRR
<i>Brassica cretica</i>	KAF3551957.1	RLP	LRR
<i>Brassica cretica</i>	KAF3561189.1	RLP	LRR
<i>Brassica cretica</i>	KAF3561312.1	RLP	LRR
<i>Brassica cretica</i>	KAF3561686.1	RLP	LRR
<i>Brassica cretica</i>	KAF3562500.1	RLP	LRR
<i>Brassica cretica</i>	KAF3563475.1	RLP	LRR
<i>Brassica cretica</i>	KAF3563630.1	RLP	LRR
<i>Brassica cretica</i>	KAF3564526.1	RLP	LRR
<i>Brassica cretica</i>	KAF3565783.1	RLP	LRR
<i>Brassica cretica</i>	KAF3566287.1	RLP	LRR
<i>Brassica cretica</i>	KAF3567650.1	RLP	LRR
<i>Brassica cretica</i>	KAF3568442.1	RLP	LRR
<i>Brassica cretica</i>	KAF3568567.1	RLP	LRR
<i>Brassica cretica</i>	KAF3568573.1	RLP	LRR
<i>Brassica cretica</i>	KAF3569290.1	RLP	LRR
<i>Brassica cretica</i>	KAF3575513.1	RLP	LRR
<i>Brassica cretica</i>	KAF3576309.1	RLP	LRR
<i>Brassica cretica</i>	KAF3577152.1	RLP	LRR
<i>Brassica cretica</i>	KAF3577333.1	RLP	LRR
<i>Brassica cretica</i>	KAF3577513.1	RLP	LRR
<i>Brassica cretica</i>	KAF3577793.1	RLP	LRR
<i>Brassica cretica</i>	KAF3578311.1	RLP	LRR
<i>Brassica cretica</i>	KAF3578456.1	RLP	LRR
<i>Brassica cretica</i>	KAF3578983.1	RLP	LRR
<i>Brassica cretica</i>	KAF3579584.1	RLP	LRR
<i>Brassica cretica</i>	KAF3579687.1	RLP	LRR
<i>Brassica cretica</i>	KAF3580220.1	RLP	LRR
<i>Brassica cretica</i>	KAF3580346.1	RLP	LRR
<i>Brassica cretica</i>	KAF3580412.1	RLP	LRR
<i>Brassica cretica</i>	KAF3580635.1	RLP	LRR
<i>Brassica cretica</i>	KAF3581021.1	RLP	LRR
<i>Brassica cretica</i>	KAF3581148.1	RLP	LRR
<i>Brassica cretica</i>	KAF3582061.1	RLP	LRR
<i>Brassica cretica</i>	KAF3582636.1	RLP	LRR
<i>Brassica cretica</i>	KAF3590227.1	RLP	LRR
<i>Brassica cretica</i>	KAF3590332.1	RLP	LRR
<i>Brassica cretica</i>	KAF3590666.1	RLP	LRR
<i>Brassica cretica</i>	KAF3590951.1	RLP	LRR
<i>Brassica cretica</i>	KAF3592061.1	RLP	LRR

<i>Brassica cretica</i>	KAF3592110.1	RLP	LRR
<i>Brassica cretica</i>	KAF3592667.1	RLP	LRR
<i>Brassica cretica</i>	KAF3593524.1	RLP	LRR
<i>Brassica cretica</i>	KAF3595765.1	RLP	LRR
<i>Brassica cretica</i>	KAF3595768.1	RLP	LRR
<i>Brassica cretica</i>	KAF3597435.1	RLP	LRR
<i>Brassica cretica</i>	KAF3597616.1	RLP	LRR
<i>Brassica cretica</i>	KAF3605208.1	RLP	LRR
<i>Brassica cretica</i>	KAF3605889.1	RLP	LRR
<i>Brassica cretica</i>	KAF3605935.1	RLP	LRR
<i>Brassica cretica</i>	KAF3606052.1	RLP	LRR
<i>Brassica cretica</i>	KAF3606447.1	RLP	LRR
<i>Brassica cretica</i>	KAF3606720.1	RLP	LRR
<i>Brassica cretica</i>	KAF3608524.1	RLP	LRR
<i>Brassica cretica</i>	KAF3611002.1	RLP	LRR
<i>Brassica cretica</i>	KAF3611148.1	RLP	LRR
<i>Brassica cretica</i>	KAF3611536.1	RLP	LRR
<i>Brassica cretica</i>	KAF3611574.1	RLP	LRR
<i>Brassica cretica</i>	KAF3611668.1	RLP	Lysm
<i>Brassica cretica</i>	KAF3611753.1	RLP	LRR
<i>Brassica cretica</i>	KAF3612085.1	RLP	LRR

\*note: Main RGA classes, NLR= nucleotide-binding site (NBS) -leucine rich repeats (LRR), RLK= receptor-like protein kinases (RLKs), RLP= receptor-like proteins. NLRs subclasses, CN= coiled-coil (CC)-NBS, CNL, NBS, NL= NBS-LRR, TNL= Toll/Interleukin-1 receptor (TIR)-NBS-LRR, TN= TIR-NBS, TX= TIR with unknown domains, Other-NLR= NLR with other domains; RLK subclasses, LRR-RLK, Lysin motif (Lysm )-RLK, Other (other-receptor)-RLK; RLP subclasses, LRR-RLP and Lysm-RLP.

**Table S2.** List of resistance gene analogs (RGAs) homologous to cloned disease resistance genes (R genes) and the E-value and similarity basis.

Cloned R gene	Cloned R gene (RGA type)	Species	Gene/Homologs	Similarity (%)	Alignmen t length (amino acid)	Query start (bp)	Query end (bp)	E-value	RGA type	RGA subclass in comparison to the cloned gene
At_RLP1	LRR-RLP	Aal	Aa_G543910.h1.t1	72.297	148	880	1027	1.18E-52	LRR-RLP	same
At_RPS4	TNL	Aal	Aa_G122930.h1.t1	60.479	167	530	696	1.15E-55	Other-NLR	different
At_RLM1b	TNL	Aal	Aa_G65760.h1.t1	63.758	149	10	158	5.95E-56	TNL	same
At_WRR4a	TNL	Aal	Aa_G65760.h1.t1	66.883	154	6	159	2.39E-59	TNL	same
At_RLM1a	TNL	Aal	Aa_G65760.h1.t1	65.789	152	7	158	2.89E-60	TNL	same
Bju_WRR1	CNL	Aal	Aa_G446450.h1.t1	63.351	191	1	189	1.29E-61	CNL	same
At_WRR4b	TNL	Aal	Aa_G65760.h1.t1	71.812	149	11	159	2.76E-64	TNL	same
At_RPP8	CNL	Aal	Aa_G446450.h1.t1	65.979	194	1	194	8.31E-65	CNL	same
Bra_cRa/cRb	TNL	Aal	Aa_G206860.h1.t1	61.17	188	73	260	3.44E-65	TX	different
At_WRR12	TNL	Aal	Aa_G278430.h1.t1	63.529	170	1	170	1.68E-67	TX	different
At_RFO3	Other-RLK	Aal	Aa_G749180.h1.t1	62.011	179	515	693	5.14E-69	Other-RLK	same
At_RPP1	TNL	Aal	Aa_G47200.h1.t1	61.421	197	84	279	1.82E-70	TX	different
At_WRR9	NL	Aal	Aa_G165270.h1.t1	60.096	208	17	224	6.05E-72	TNL	different
At_WRR4a	TNL	Aal	Aa_G574390.h1.t1	61.818	220	1	218	1.84E-73	Other-NLR	different
Bol_FocBo1	TNL	Aal	Aa_G165270.h1.t1	60.09	223	9	230	2.38E-77	TNL	same
At_RLM1b	TNL	Aal	Aa_G563460.h1.t1	68.617	188	44	231	2.99E-79	TNL	same
At_WRR4b	TNL	Aal	Aa_G574390.h1.t1	63.426	216	7	220	1.54E-79	Other-NLR	different
At_RPP1	TNL	Aal	Aa_G206860.h1.t1	60.829	217	68	284	4.78E-80	TX	different
At_RLM1b	TNL	Aal	Aa_G165270.h1.t1	65.7	207	13	219	8.99E-81	TNL	same
At_RLM1a	TNL	Aal	Aa_G574390.h1.t1	62.963	216	6	219	5.05E-81	Other-NLR	different
At_RLM1b	TNL	Aal	Aa_G229750.h1.t1	64.186	215	5	219	3.45E-81	TNL	same
At_WRR4a	TNL	Aal	Aa_G165270.h1.t1	65.7	207	12	218	5.42E-82	TNL	same
At_WRR9	NL	Aal	Aa_G534280.h1.t1	61.638	232	453	683	1.58E-82	TX	different
At_RLM1b	TNL	Aal	Aa_G612790.h1.t1	61.572	229	5	233	7.47E-84	TNL	same
At_WRR4a	TNL	Aal	Aa_G612790.h1.t1	62.385	218	1	218	3.76E-84	TNL	same
At_WRR4a	TNL	Aal	Aa_G676850.h1.t1	62.212	217	11	227	3.64E-84	TX	different
At_RLM1b	TNL	Aal	Aa_G676850.h1.t1	64.516	217	12	228	9.99E-85	TX	different
At_WRR4a	TNL	Aal	Aa_G302440.h1.t1	61.792	212	12	223	5.96E-85	TX	different
At_WRR4a	TNL	Aal	Aa_G201150.h1.t1	63.134	217	3	219	1.61E-85	TX	different
At_RLM1a	TNL	Aal	Aa_G676850.h1.t1	63.38	213	12	224	6.88E-86	TX	different
At_RLM1a	TNL	Aal	Aa_G534280.h1.t1	60.262	229	449	676	5.86E-86	TX	different
At_WRR4b	TNL	Aal	Aa_G229750.h1.t1	64.651	215	6	220	5.16E-86	TNL	same
At_WRR4a	TNL	Aal	Aa_G225910.h1.t1	63.81	210	9	218	4.38E-86	TX	different
At_WRR4b	TNL	Aal	Aa_G165270.h1.t1	67.15	207	14	220	1.93E-86	TNL	same
At_RLM1a	TNL	Aal	Aa_G229750.h1.t1	65.116	215	5	219	5.07E-88	TNL	same
At_RLM1b	TNL	Aal	Aa_G534280.h1.t1	62.232	233	449	681	4.52E-88	TX	different
At_WRR4a	TNL	Aal	Aa_G276580.h1.t1	63.303	218	3	220	3.26E-88	TX	different
Bra_cRa/cRb	TNL	Aal	Aa_G563350.h1.t1	62.5	232	256	480	9.44E-89	NBS	different
At_RFO3	Other-RLK	Aal	Aa_G241950.h1.t1	82.659	173	16	178	1.97E-89	Other-RLK	same
At_WRR9	NL	Aal	Aa_G408900.h1.t1	63.229	223	5	224	1.38E-89	TX	different
At_RLM1a	TNL	Aal	Aa_G165270.h1.t1	69.565	207	13	219	1.30E-89	TNL	same
At_RPP1	TNL	Aal	Aa_G276580.h1.t1	62.857	210	97	306	6.62E-90	TX	different
At_RLM1b	TNL	Aal	Aa_G276580.h1.t1	66.063	221	1	221	1.31E-90	TX	different
At_WRR9	NL	Aal	Aa_G534280.h1.t1	62.946	224	15	238	9.15E-91	TX	different
At_WRR4b	TNL	Aal	Aa_G676850.h1.t1	66.82	217	13	229	6.73E-91	TX	different
Bra_Crr1a	TNL	Aal	Aa_G339760.h1.t1	67.453	212	65	276	5.66E-91	TX	different
At_RLM1b	TNL	Aal	Aa_G106970.h1.t1	61.638	232	10	230	5.30E-91	TX	different
At_WRR4b	TNL	Aal	Aa_G612790.h1.t1	65.455	220	1	220	3.12E-91	TNL	same
Bol_FocBo1	TNL	Aal	Aa_G792870.h1.t1	71.282	195	7	200	6.87E-92	TX	different
At_WRR4b	TNL	Aal	Aa_G201150.h1.t1	65.611	221	1	221	3.47E-92	TX	different
At_RLM1a	TNL	Aal	Aa_G616140.h1.t1	62.348	247	428	673	2.05E-92	TX	different
Bra_Crr1a	TNL	Aal	Aa_G563350.h1.t1	64.502	231	251	474	1.16E-92	NBS	different
At_RLM1a	TNL	Aal	Aa_G612790.h1.t1	66.667	219	1	219	9.58E-93	TNL	same
At_WRR9	NL	Aal	Aa_G616140.h1.t1	65.086	232	48	278	5.68E-93	TX	different
At_RPP2a	TNL	Aal	Aa_G415020.h1.t1	62.348	247	687	933	4.72E-93	NL	different
At_WRR9	NL	Aal	Aa_G106970.h1.t1	63.507	211	13	223	4.02E-93	TX	different
At_WRR4a	TNL	Aal	Aa_G534270.h1.t1	71.635	208	12	219	1.11E-93	TNL	same
At_RLM1b	TNL	Aal	Aa_G534270.h1.t1	72.596	208	13	220	3.51E-94	TNL	same
At_RLM1a	TNL	Aal	Aa_G201150.h1.t1	66.82	217	4	220	2.45E-94	TX	different
At_WRR9	NL	Aal	Aa_G65730.h1.t1	64.865	222	5	226	1.39E-94	TX	different
At_WRR4a	TNL	Aal	Aa_G106970.h1.t1	62.553	235	8	231	1.06E-94	TX	different
At_RLM1a	TNL	Aal	Aa_G302440.h1.t1	64.253	221	13	233	5.28E-95	TX	different
At_WRR4b	TNL	Aal	Aa_G276580.h1.t1	65.766	222	1	222	3.98E-95	TX	different
At_RLM1b	TNL	Aal	Aa_G616140.h1.t1	60.741	270	419	678	3.80E-95	TX	different
At_RPP1	TNL	Aal	Aa_G339760.h1.t1	67.925	212	93	304	2.85E-95	TX	different
At_RLM1b	TNL	Aal	Aa_G65730.h1.t1	68.018	222	1	221	6.76E-96	TX	different
At_WRR4a	TNL	Aal	Aa_G408900.h1.t1	67.568	222	1	218	6.69E-97	TX	different
At_RLM1a	TNL	Aal	Aa_G276580.h1.t1	67.873	221	1	221	4.09E-98	TX	different
At_RLM1b	TNL	Aal	Aa_G408900.h1.t1	69.507	223	1	219	8.53E-100	TX	different
At_WRR4a	TNL	Aal	Aa_G616140.h1.t1	67.965	231	43	273	7.05E-101	TX	different
At_WRR4a	TNL	Aal	Aa_G65730.h1.t1	71.622	222	1	220	2.23E-101	TX	different
At_RPP2a	TNL	Aal	Aa_G299630.h1.t1	61.433	293	1007	1299	1.33E-102	TX	different
At_RLM1a	TNL	Aal	Aa_G534270.h1.t1	75.962	208	13	220	7.30E-103	TNL	same
At_RPP2b	TNL	Aal	Aa_G503780.h1.t1	66.154	260	222	479	1.99E-103	NBS	different
At_RLM1a	TNL	Aal	Aa_G106970.h1.t1	67.965	231	10	229	7.26E-106	TX	different
At_RRS1	TNL	Aal	Aa_G488000.h1.t1	67.816	261	435	683	1.50E-106	TNL	same
At_WRR4b	TNL	Aal	Aa_G534270.h1.t1	78.365	208	14	221	3.63E-107	TNL	same
Bna_Rlm9/4/7	Other-RLK	Aal	Aa_G412470.h1.t1	60.678	295	506	794	6.20E-108	Other-RLK	same
At_WRR4b	TNL	Aal	Aa_G106970.h1.t1	69.828	232	11	231	8.29E-109	TX	different
At_RAC1	TNL	Aal	Aa_G710830.h1.t1	73.568	227	8	231	5.59E-109	TX	different

At_WRR4a	TNL	Aal	Aa_G534280.h1.t1	72.444	225	9	233	3.02E-109	TX	different
At_RRS1	TNL	Aal	Aa_G636220.h1.t1	69.173	266	425	678	2.72E-109	TNL	same
At_WRR8	TNL	Aal	Aa_G710830.h1.t1	73.128	227	19	241	1.41E-109	TX	different
At_WRR9	NL	Aal	Aa_G365200.h1.t1	62.153	288	301	587	1.23E-109	TN	different
At_RLM1b	TNL	Aal	Aa_G534280.h1.t1	73.661	224	10	233	7.80E-110	TX	different
At_RLM1a	TNL	Aal	Aa_G65730.h1.t1	75.225	222	1	221	6.49E-110	TX	different
At_WRR4b	TNL	Aal	Aa_G408900.h1.t1	74.107	224	1	220	4.26E-111	TX	different
At_RLM1a	TNL	Aal	Aa_G616140.h1.t1	72.727	231	44	274	2.32E-112	TX	different
At_WRR4b	TNL	Aal	Aa_G616140.h1.t1	73.799	229	45	273	1.17E-112	TX	different
At_RLM1b	TNL	Aal	Aa_G616140.h1.t1	75.325	231	44	274	1.95E-113	TX	different
At_WRR4b	TNL	Aal	Aa_G65730.h1.t1	78.281	221	3	222	8.31E-114	TX	different
At_RFO1	Other-RLK	Aal	Aa_G293710.h1.t1	63.636	286	277	561	1.81E-114	Other-RLK	same
At_RRS1	TNL	Aal	Aa_G636220.h1.t1	62.429	354	1	352	1.30E-115	TNL	same
At_RPP2a	TNL	Aal	Aa_G369060.h1.t1	63.158	304	115	414	9.48E-117	TNL	same
Bol_FocBo1	TNL	Aal	Aa_G24630.h1.t1	65.942	276	97	372	1.84E-117	TX	different
At_RLM1a	TNL	Aal	Aa_G534280.h1.t1	78.222	225	10	234	5.65E-121	TX	different
At_WRR4b	TNL	Aal	Aa_G534280.h1.t1	77.778	234	1	234	1.93E-121	TX	different
At_RRS1	TNL	Aal	Aa_G488000.h1.t1	60.623	353	1	352	1.47E-121	TNL	same
At_RPP5	TNL	Aal	Aa_G902620.h1.t1	61.243	338	1	330	2.30E-122	TN	different
At_RPP2a	TNL	Aal	Aa_G565780.h1.t1	61.585	328	93	414	1.59E-123	TNL	same
At_RFO1	Other-RLK	Aal	Aa_G265680.h1.t1	64.026	303	423	719	8.86E-127	Other-RLK	same
At_RLP30	LRR-RLP	Aal	Aa_G319570.h1.t1	62.342	316	470	777	3.10E-127	LRR-RLP	same
At_RPP4	TNL	Aal	Aa_G902620.h1.t1	61.791	335	1	328	5.52E-129	TN	different
At_RPP13	CNL	Aal	Aa_G634840.h1.t1	74.632	272	13	281	1.61E-129	CNL	same
At_RLM3	TN	Aal	Aa_G902620.h1.t1	60.55	327	3	322	6.44E-130	TN	same
At_WRR4b	TNL	Aal	Aa_G589470.h1.t1	64.465	318	95	410	1.14E-130	TN	different
Bol_FocBo1	TNL	Aal	Aa_G902620.h1.t1	63.889	324	7	324	5.65E-139	TN	different
At_RPP2a	TNL	Aal	Aa_G295940.h1.t1	60.396	404	11	414	1.17E-141	TNL	same
At_RPP1	TNL	Aal	Aa_G360810.h1.t1	60.582	378	59	431	4.27E-142	TNL	same
Bna_Rlm9/4/7	Other-RLK	Aal	Aa_G265680.h1.t1	69.325	326	454	779	5.86E-144	Other-RLK	same
At_RLM1a	TNL	Aal	Aa_G589470.h1.t1	67.712	319	93	410	1.20E-144	TN	different
At_RFO1	Other-RLK	Aal	Aa_G556850.h1.t1	65.964	332	426	751	3.23E-147	Other-RLK	same
Bna_Rlm9/4/7	Other-RLK	Aal	Aa_G293710.h1.t1	82.721	272	324	594	4.34E-148	Other-RLK	same
Bra_cRa/cRb	TNL	Aal	Aa_G146330.h1.t1	60.207	387	73	458	2.67E-148	TNL	same
At_RPP2a	TNL	Aal	Aa_G415020.h1.t1	79.522	293	1007	1299	5.92E-155	NL	different
Bra_cRa/cRb	TNL	Aal	Aa_G360810.h1.t1	62.47	413	1	411	4.30E-156	TNL	same
Bra_cRa/cRb	TNL	Aal	Aa_G84490.h1.t1	66.762	349	97	445	2.13E-157	TNL	same
At_RLP30	LRR-RLP	Aal	Aa_G245790.h1.t1	61.055	398	386	782	6.23E-159	LRR-RLP	same
At_RPP2a	TNL	Aal	Aa_G173310.h1.t1	61.098	419	1	414	6.58E-162	TNL	same
At_RPP2a	TNL	Aal	Aa_G628640.h1.t1	60.097	411	10	414	5.39E-162	TNL	same
At_RPP2a	TNL	Aal	Aa_G628630.h1.t1	63.119	404	11	414	4.65E-162	TNL	same
At_RPP1	TNL	Aal	Aa_G84490.h1.t1	67.435	347	121	467	3.72E-162	TNL	same
Bra_Crr1a	TNL	Aal	Aa_G447910.h1.t1	60.671	417	52	464	6.55E-163	TNL	same
At_RPP2a	TNL	Aal	Aa_G486460.h1.t1	60.75	400	2	396	1.99E-163	TN	different
Bra_Crr1a	TNL	Aal	Aa_G84490.h1.t1	69.54	348	92	439	1.86E-164	TNL	same
At_WRR4a	TNL	Aal	Aa_G65800.h1.t1	60.465	430	1	427	1.67E-165	TN	different
Bra_cRa/cRb	TNL	Aal	Aa_G332260.h1.t1	60.945	402	73	473	6.25E-166	TN	different
At_ADR1	NL	Aal	Aa_G811740.h1.t1	65.449	356	216	560	1.04E-167	NL	same
Bra_Crr1a	TNL	Aal	Aa_G146330.h1.t1	64.691	388	68	455	5.30E-169	TNL	same
At_WRR9	NL	Aal	Aa_G65800.h1.t1	61.893	412	5	414	1.41E-169	TN	different
At_RLM3	TN	Aal	Aa_G486460.h1.t1	60.05	403	1	394	3.17E-170	TN	same
At_RPP2a	TNL	Aal	Aa_G620000.h1.t1	63.133	415	8	414	1.32E-170	TNL	same
At_RPP1	TNL	Aal	Aa_G447910.h1.t1	61.449	428	69	492	2.01E-174	TNL	same
Bra_Crr1a	TNL	Aal	Aa_G360810.h1.t1	74.854	342	66	406	8.34E-175	TNL	same
At_RPP2a	TNL	Aal	Aa_G295950.h1.t1	66.019	412	3	414	2.49E-175	TNL	same
At_RLM1b	TNL	Aal	Aa_G65800.h1.t1	64.891	413	1	410	6.79E-177	TN	different
At_WRR4b	TNL	Aal	Aa_G65800.h1.t1	60.377	477	4	474	1.44E-177	TN	different
Bra_Crr1a	TNL	Aal	Aa_G332260.h1.t1	64.764	403	67	468	5.57E-178	TN	different
At_RPP5	TNL	Aal	Aa_G295910.h1.t1	63.193	451	1	443	2.48E-178	TNL	same
At_BAK1	LRR-RLK	Aal	Aa_G609980.h1.t1	94.797	615	1	615	0	LRR-RLK	same
At_RFO3	Other-RLK	Aal	Aa_G241950.h1.t1	85.169	472	389	850	0	Other-RLK	same
At_RPS2	NL	Aal	Aa_G43080.h1.t1	85	740	170	909	0	CNL	different
At_RLP1	LRR-RLP	Aal	Aa_G275730.h1.t1	83.221	888	190	1076	0	LRR-RLP	same
At_RFO1	Other-RLK	Aal	Aa_G265710.h1.t1	83.109	521	236	751	0	Other-RLK	same
At_SOBR1	LRR-RLK	Aal	Aa_G154740.h1.t1	82.492	634	8	641	0	LRR-RLK	same
At_FLS2	LRR-RLK	Aal	Aa_G524900.h1.t1	80.703	1109	21	1125	0	LRR-RLK	same
At_NGR1a	RNL	Aal	Aa_G180800.h1.t1	80.025	816	1	809	0	NL	different
Bna_Rlm9/4/7	Other-RLK	Aal	Aa_G21490.h1.t1	79.802	505	297	794	0	Other-RLK	same
At_BAK1	LRR-RLK	Aal	Aa_G377020.h1.t1	78.352	619	9	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Aal	Aa_G245800.h1.t1	77.724	624	4	615	0	LRR-RLK	same
At_RPP2a	TNL	Aal	Aa_G299570.h1.t1	76.027	876	425	1299	0	TNL	same
At_RPM1	NL	Aal	Aa_G78900.h1.t1	75.512	927	1	926	0	NL	same
At_RPP2b	TNL	Aal	Aa_G503790.h1.t1	74.814	1207	3	1207	0	TNL	same
At_RPP8	CNL	Aal	Aa_G446440.h1.t1	70.975	913	1	907	0	NL	different
At_RPP2a	TNL	Aal	Aa_G299590.h1.t1	70.126	713	579	1288	0	TNL	same
At_RFO2	LRR-RLP	Aal	Aa_G347880.h1.t1	69.12	693	45	737	0	LRR-RLK	different
At_RPP1	TNL	Aal	Aa_G146330.h1.t1	68.912	386	96	481	0	TNL	same
Bna_Rlm9/4/7	Other-RLK	Aal	Aa_G30130.h1.t1	68.908	476	282	727	0	Other-RLK	same
Bol_FocBo1	TNL	Aal	Aa_G486460.h1.t1	68.702	393	9	396	0	TN	different
Bna_Rlm9/4/7	Other-RLK	Aal	Aa_G265690.h1.t1	67.213	488	113	595	0	Other-RLK	same
At_NGR1b	RNL	Aal	Aa_G180800.h1.t1	67.193	823	3	815	0	NL	different
At_RLM1a	TNL	Aal	Aa_G65800.h1.t1	67.073	410	3	410	0	TN	different
At_RLP23	LRR-RLP	Aal	Aa_G183780.h1.t1	66.996	709	183	890	0	LRR-RLP	same
Bna_Rlm9/4/7	Other-RLK	Aal	Aa_G323670.h1.t1	66.667	435	361	793	0	Other-RLK	same
At_RLP42	LRR-RLP	Aal	Aa_G183780.h1.t1	66.619	701	183	881	0	LRR-RLP	same
At_RPP13	CNL	Aal	Aa_G500650.h1.t1	66.435	864	1	830	0	CNL	same

Bol_FocBo1	TNL	Aal	Aa_G628630.h1.t1	66.202	645	10	653	0	TNL	same
At_RLP23	LRR-RLP	Aal	Aa_G208770.h1.t1	66.096	643	248	890	0	LRR-RLP	same
At_NGR1a	RNL	Aal	Aa_G180780.h1.t1	66.091	637	177	809	0	NL	different
At_RPS4	TNL	Aal	Aa_G488020.h1.t1	66.034	1160	13	1163	0	Other-NLR	different
At_RLP42	LRR-RLP	Aal	Aa_G208770.h1.t1	65.984	635	249	879	0	LRR-RLP	same
Bra_Crr1a	TNL	Aal	Aa_G578400.h1.t1	65.772	596	119	692	0	TNL	same
At_RPS5	TNL	Aal	Aa_G521440.h1.t1	65.692	889	1	883	0	CNL	different
At_RLP42	LRR-RLP	Aal	Aa_G201920.h1.t1	65.394	864	22	879	0	LRR-RLP	same
At_RLP23	LRR-RLP	Aal	Aa_G201920.h1.t1	65.233	860	33	890	0	LRR-RLP	same
Bna_Rlm9/4/7	Other-RLK	Aal	Aa_G557360.h1.t1	65.228	417	324	737	0	Other-RLK	same
Bol_FocBo1	TNL	Aal	Aa_G295940.h1.t1	65.227	1366	10	1349	0	TNL	same
At_RLP23	LRR-RLP	Aal	Aa_G183750.h1.t1	65.12	711	182	890	0	LRR-RLP	same
Bna_Rlm9/4/7	Other-RLK	Aal	Aa_G293690.h1.t1	65.108	556	250	793	0	Other-RLK	same
At_RFO1	Other-RLK	Aal	Aa_G30130.h1.t1	65.057	435	290	696	0	Other-RLK	same
At_RLP42	LRR-RLP	Aal	Aa_G183750.h1.t1	64.95	699	182	878	0	LRR-RLP	same
At_RPS5	TNL	Aal	Aa_G366140.h1.t1	64.926	881	1	880	0	CNL	different
At_ADR1	NL	Aal	Aa_G636220.h1.t1	64.89	544	245	787	0	TNL	different
At_RPS5	TNL	Aal	Aa_G124650.h1.t1	64.713	887	1	880	0	CNL	different
At_RPP1	TNL	Aal	Aa_G332260.h1.t1	64.516	403	95	496	0	TN	different
At_RLP23	LRR-RLP	Aal	Aa_G363510.h1.t1	64.106	716	175	888	0	LRR-RLP	same
At_RPP7	NL	Aal	Aa_G323330.h1.t1	64.097	869	3	866	0	NL	same
At_RLP42	LRR-RLP	Aal	Aa_G363510.h1.t1	63.781	693	182	873	0	LRR-RLP	same
Bol_FocBo1	TNL	Aal	Aa_G295950.h1.t1	63.695	1088	7	1094	0	TNL	same
At_RPP8	CNL	Aal	Aa_G446450.h1.t1	63.537	639	273	904	0	CNL	same
At_RPS5	TNL	Aal	Aa_G193720.h1.t1	63.39	885	1	883	0	CNL	different
At_RLP23	LRR-RLP	Aal	Aa_G183740.h1.t1	63.26	724	172	890	0	LRR-RLP	same
At_RFO1	Other-RLK	Aal	Aa_G323670.h1.t1	63.134	434	326	751	0	Other-RLK	same
At_NGR1a	RNL	Aal	Aa_G180770.h1.t1	63.086	810	10	804	0	NL	different
At_RPP2a	TNL	Aal	Aa_G299610.h1.t1	63.082	558	748	1299	0	NL	different
At_NGR1b	RNL	Aal	Aa_G180770.h1.t1	62.885	811	12	813	0	NL	different
At_WRR8	TNL	Aal	Aa_G208030.h1.t1	62.801	707	5	704	0	TNL	same
At_RLM1b	TNL	Aal	Aa_G398600.h1.t1	62.718	1030	10	1013	0	TNL	same
At_RLP30	LRR-RLP	Aal	Aa_G21020.h1.t1	62.636	736	46	774	0	LRR-RLP	same
Bra_cRa/cRb	TNL	Aal	Aa_G578400.h1.t1	61.864	590	124	695	0	TNL	same
At_RLP42	LRR-RLP	Aal	Aa_G183740.h1.t1	61.833	731	172	889	0	LRR-RLP	same
At_RAC1	TNL	Aal	Aa_G208030.h1.t1	61.744	711	3	703	0	TNL	same
At_RLM1b	TNL	Aal	Aa_G65950.h1.t1	61.715	1003	1	995	0	TNL	same
Bju_WRR1	CNL	Aal	Aa_G446440.h1.t1	61.63	920	1	900	0	NL	different
Bol_FocBo1	TNL	Aal	Aa_G173310.h1.t1	61.57	968	5	960	0	TNL	same
At_NGR1b	RNL	Aal	Aa_G180780.h1.t1	61.502	639	181	815	0	NL	different
At_RLP32	LRR-RLP	Aal	Aa_G333250.h1.t1	61.481	810	121	854	0	LRR-RLP	same
At_RFO1	Other-RLK	Aal	Aa_G21490.h1.t1	61.46	493	270	750	0	Other-RLK	same
At_RLM1a	TNL	Aal	Aa_G65950.h1.t1	61.419	902	1	897	0	TNL	same
At_RLP32	LRR-RLP	Aal	Aa_G216090.h1.t1	61.346	921	1	853	0	LRR-RLP	same
At_WRR8	TNL	Aal	Aa_G208060.h1.t1	61.011	554	31	576	0	TN	different
Bol_FocBo1	TNL	Aal	Aa_G620000.h1.t1	60.95	968	7	960	0	TNL	same
At_RPP1	TNL	Aal	Aa_G146320.h1.t1	60.943	594	95	687	0	TN	different
At_RFO1	Other-RLK	Aal	Aa_G557360.h1.t1	60.89	427	287	712	0	Other-RLK	same
At_RRS1	TNL	Aal	Aa_G519310.h1.t1	60.881	1181	1	1168	0	TNL	same
Bra_Crr1a	TNL	Aal	Aa_G753220.h1.t1	60.569	738	92	822	0	TNL	same
At_RFO1	Other-RLK	Aal	Aa_G148280.h1.t1	60.544	735	7	721	0	Other-RLK	same
At_RLP30	LRR-RLP	Aal	Aa_G245780.h1.t1	60.514	623	166	786	0	LRR-RLP	same
At_RPP5	TNL	Aal	Aa_G628630.h1.t1	60.443	632	12	632	0	TNL	same
At_RAC1	TNL	Aal	Aa_G208060.h1.t1	60.436	551	20	562	0	TN	different
At_RLM1a	TNL	Aal	Aa_G65780.h1.t1	60.349	918	3	898	0	TNL	same
Bra_Crr1a	TNL	Aal	Aa_G146320.h1.t1	60.345	638	29	661	0	TN	different
At_RAC1	TNL	Aal	Aa_G33030.h1.t1	60.244	737	9	736	0	TNL	same
At_ADR1	NL	Aal	Aa_G719500.h1.t1	60.241	581	6	560	0	NBS	different
At_RPS5	TNL	Aal	Aa_G193750.h1.t1	60.136	883	1	878	0	CNL	different
At_WRR8	TNL	Aal	Aa_G33030.h1.t1	60.081	744	20	755	0	TNL	same
At_RPP4	TNL	Chi	CARHR222470	61.667	180	687	858	2.02E-57	TNL	same
At_RPP7	NL	Chi	CARHR123290	67.066	167	573	739	1.10E-57	LRR-RLP	different
At_RFO3	Other-RLK	Chi	CARHR051100	63.855	166	512	677	6.42E-64	Other-RLK	same
At_RLP32	LRR-RLP	Chi	CARHR105480	60.104	193	663	853	2.11E-64	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Chi	CARHR105480	60.488	205	746	950	1.08E-68	LRR-RLP	same
At_RPS5	TNL	Chi	CARHR048930	62.573	171	168	338	7.77E-71	NBS	different
At_NGR1a	RNL	Chi	CARHR177820	65.5	200	153	352	4.84E-74	NBS	different
At_RLP30	LRR-RLP	Chi	CARHR291370	62.562	203	525	722	2.38E-75	LRR-RLP	same
At_RLP42	LRR-RLP	Chi	CARHR126950	64.078	206	686	886	8.58E-76	LRR-RLP	same
At_RFO3	Other-RLK	Chi	CARHR230490	63.483	178	515	692	1.57E-77	Other-RLK	same
At_RFO3	Other-RLK	Chi	CARHR230490	63.483	178	515	692	7.66E-78	Other-RLK	same
At_RPP7	NL	Chi	CARHR284010	70.95	179	415	591	4.38E-80	NL	same
At_RPS5	TNL	Chi	CARHR049610	61.353	207	302	508	6.34E-81	NBS	different
At_RLP23	LRR-RLP	Chi	CARHR126950	68.137	204	686	889	1.30E-81	LRR-RLP	same
At_RPP7	NL	Chi	CARHR284080	71.892	185	126	309	1.04E-82	NBS	different
At_RLP30	LRR-RLP	Chi	CARHR118040	67.241	232	549	780	5.27E-89	LRR-RLP	same
At_ADR1	NL	Chi	CARHR033020	78.313	166	323	488	7.95E-90	NBS	different
At_RFO1	Other-RLK	Chi	CARHR062770	65.686	204	350	552	8.34E-92	Other-RLK	same
At_NGR1b	RNL	Chi	CARHR292120	67.873	221	337	555	6.77E-96	CN	different
At_NGR1b	RNL	Chi	CARHR292120	67.873	221	337	555	2.55E-96	CN	different
At_NGR1a	RNL	Chi	CARHR292120	71.364	220	334	549	7.77E-101	CN	different
At_NGR1a	RNL	Chi	CARHR292120	71.233	219	335	549	6.51E-101	CN	different
At_RPP39	CNL	Chi	CARHR052120	63.469	271	24	293	4.28E-111	CN	different
At_RRS1	TNL	Chi	CARHR176990	67.279	272	902	1170	3.26E-111	TX	different
At_RPS5	TNL	Chi	CARHR049180	62.411	282	1	282	1.36E-114	CN	different
At_RAC1	TNL	Chi	CARHR174840	68.44	282	103	383	2.34E-115	TNL	same



At_RPP39	CNL	Chi	CARHR052120	61.905	294	1	293	1.06E-117	CN	different
Bna_Rlm9/4/7	Other-RLK	Chi	CARHR062770	85.366	205	381	585	2.22E-119	Other-RLK	same
At_RAC1	TNL	Chi	CARHR289490	66.441	295	4	294	3.26E-120	TX	different
At_RPP7	NL	Chi	CARHR284050	68.359	256	353	606	1.33E-120	NL	same
At_RPP2a	TNL	Chi	CARHR223500	65.931	317	98	414	1.67E-124	Other-NLR	different
At_RAC1	TNL	Chi	CARHR175240	64.725	309	218	523	3.09E-125	NBS	different
At_WRR8	TNL	Chi	CARHR289490	67.007	294	15	304	2.75E-126	TX	different
At_NGR1b	RNL	Chi	CARHR177840	65.517	319	135	450	5.03E-129	NBS	different
At_BAK1	LRR-RLK	Chi	CARHR176190	61.875	320	255	573	9.00E-134	LRR-RLK	same
At_RLM3	TN	Chi	CARHR222990	60.92	348	3	350	2.50E-135	TN	same
Bra_Crr1a	TNL	Chi	CARHR071840	65.046	329	68	395	1.08E-139	TN	different
At_NGR1a	RNL	Chi	CARHR177840	73.63	292	154	444	2.31E-140	NL	different
Bna_Rlm9/4/7	Other-RLK	Chi	CARHR016630	75	268	396	662	9.59E-141	Other-RLK	same
Bna_Rlm9/4/7	Other-RLK	Chi	CARHR016630	75	268	396	662	9.59E-141	Other-RLK	same
At_RPP4	TNL	Chi	CARHR223500	63.868	393	100	488	2.23E-144	TX	different
At_RLP42	LRR-RLP	Chi	CARHR127040	61.298	416	20	434	1.10E-146	LRR-RLP	same
At_RFO1	Other-RLK	Chi	CARHR016630	81.452	248	383	629	2.02E-148	Other-RLK	same
At_RFO1	Other-RLK	Chi	CARHR016630	81.452	248	383	629	2.02E-148	Other-RLK	same
At_RRS1	TNL	Chi	CARHR177150	67.705	353	8	357	2.38E-150	TN	different
At_WRR8	TNL	Chi	CARHR175240	72.581	310	228	535	1.53E-150	NBS	different
At_RLM1b	TNL	Chi	CARHR213880	64.266	361	52	411	3.97E-152	NBS	different
At_RAC1	TNL	Chi	CARHR174840	66.489	376	9	383	2.50E-153	TNL	same
At_RLP23	LRR-RLP	Chi	CARHR127040	60.952	420	17	434	4.76E-155	LRR-RLP	same
At_RPS5	TNL	Chi	CARHR220850	64.77	369	8	376	1.58E-155	CNL	different
At_RRS1	TNL	Chi	CARHR177010	73.214	336	9	338	9.53E-157	NBS	different
At_RLP1	LRR-RLP	Chi	CARHR185740	65.897	390	667	1053	2.88E-159	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Chi	CARHR105510	71.023	352	593	944	3.02E-164	LRR-RLP	same
At_NGR1b	RNL	Chi	CARHR289020	61.501	413	407	815	8.79E-165	LRR-RLP	different
At_RLP32	LRR-RLP	Chi	CARHR105510	69.553	358	510	867	3.38E-166	LRR-RLP	same
At_RPP13	CNL	Chi	CARHR154990	68.194	371	103	471	1.91E-166	NBS	different
At_WRR4b	TNL	Chi	CARHR047710	61.412	425	5	426	7.26E-168	TN	different
At_WRR9	NL	Chi	CARHR149280	62.899	407	271	673	9.40E-170	NL	same
At_RPP39	CNL	Chi	CARHR052140	64.815	432	447	870	1.28E-170	CNL	same
Bra_Crr1a	TNL	Chi	CARHR078370	61.663	433	40	468	3.30E-171	TN	different
At_RLM1b	TNL	Chi	CARHR047710	62.5	424	5	426	1.40E-175	TN	different
At_NGR1a	RNL	Chi	CARHR289020	64.634	410	405	809	1.31E-175	LRR-RLP	different
At_RLM1a	TNL	Chi	CARHR048030	61.572	458	152	595	6.86E-180	NBS	different
At_BAK1	LRR-RLK	Chi	CARHR241480	98.511	470	146	615	0	LRR-RLK	same
At_WRR12	TNL	Chi	CARHR018200	87.226	1049	1	1049	0	TNL	same
At_RLP1	LRR-RLP	Chi	CARHR007110	86.921	734	344	1077	0	LRR-RLP	same
At_SOIR1	LRR-RLK	Chi	CARHR125590	85.959	641	1	641	0	LRR-RLK	same
At_SOIR1	LRR-RLK	Chi	CARHR125590	85.959	641	1	641	0	LRR-RLK	same
At_RFO1	Other-RLK	Chi	CARHR073440	85.563	755	1	751	0	Other-RLK	same
At_RPS4	TNL	Chi	CARHR177110	84.907	1186	14	1199	0	TNL	same
At_RPS4	TNL	Chi	CARHR177110	84.907	1186	14	1199	0	TNL	same
At_RPS4	TNL	Chi	CARHR177110	84.907	1186	14	1199	0	TNL	same
At_RPS5	TNL	Chi	CARHR012520	83.875	893	1	887	0	CNL	different
At_RPS2	NL	Chi	CARHR233600	83.736	910	1	909	0	NL	same
At_BAK1	LRR-RLK	Chi	CARHR104720	83.191	470	146	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Chi	CARHR290920	80.952	483	146	615	0	LRR-RLK	same
At_FLS2	LRR-RLK	Chi	CARHR175480	80.459	1177	1	1173	0	LRR-RLK	same
At_RLP32	LRR-RLP	Chi	CARHR080100	80.374	856	1	853	0	LRR-RLP	same
At_BAK1	LRR-RLK	Chi	CARHR290920	79.669	605	24	615	0	LRR-RLK	same
At_RLP32	LRR-RLP	Chi	CARHR080100	79.517	869	1	866	0	LRR-RLP	same
Bna_Rlm9/4/7	Other-RLK	Chi	CARHR016600	76.613	372	378	748	0	Other-RLK	same
Bna_Rlm9/4/7	Other-RLK	Chi	CARHR016600	76.613	372	378	748	0	Other-RLK	same
At_RPP2b	TNL	Chi	CARHR226300	75.376	1198	1	1193	0	TNL	same
At_RPP2b	TNL	Chi	CARHR226300	75.376	1198	1	1193	0	TNL	same
At_RPP2b	TNL	Chi	CARHR226300	75.376	1198	1	1193	0	TNL	same
At_RPP2a	TNL	Chi	CARHR226300	75.356	913	410	1299	0	TNL	same
At_RFO3	Other-RLK	Chi	CARHR091190	75.348	791	73	850	0	Other-RLK	same
At_RFO3	Other-RLK	Chi	CARHR091190	75.285	789	73	848	0	Other-RLK	same
At_RPP1	TNL	Chi	CARHR151520	73.675	547	69	613	0	Other-NLR	different
At_RPP8	CNL	Chi	CARHR183400	73.326	911	1	907	0	CNL	same
At_RPP2b	TNL	Chi	CARHR288050	73.163	980	1	978	0	TNL	same
At_RPS4	TNL	Chi	CARHR177020	72.215	763	1	755	0	Other-NLR	different
At_RPP2a	TNL	Chi	CARHR288060	72.102	785	516	1297	0	TNL	same
At_RPP2b	TNL	Chi	CARHR288050	72.05	1195	1	1193	0	TNL	same
At_RPP2b	TNL	Chi	CARHR288050	72.05	1195	1	1193	0	TNL	same
At_RPP8	CNL	Chi	CARHR010420	72.009	468	1	462	0	CN	different
At_RPP8	CNL	Chi	CARHR010420	72.009	468	1	462	0	CN	different
At_RPP39	CNL	Chi	CARHR052080	72.009	443	1	442	0	CN	different
At_RFO1	Other-RLK	Chi	CARHR016610	71.882	441	282	719	0	Other-RLK	same
At_RLM1b	TNL	Chi	CARHR149280	71.253	407	267	672	0	NL	different
At_RLM1b	TNL	Chi	CARHR047100	70.851	470	1	470	0	TN	different
At_RLP23	LRR-RLP	Chi	CARHR126570	70.729	878	17	888	0	LRR-RLP	same
At_RFO2	LRR-RLP	Chi	CARHR261670	70.278	720	30	748	0	LRR-RLP	same
At_NGR1a	RNL	Chi	CARHR177840	70.213	658	154	806	0	NL	different
At_RLM1b	TNL	Chi	CARHR047300	69.951	1025	1	1009	0	TNL	same
At_RFO1	Other-RLK	Chi	CARHR016600	69.577	378	343	717	0	Other-RLK	same
At_RFO1	Other-RLK	Chi	CARHR016600	69.577	378	343	717	0	Other-RLK	same
At_RLM1b	TNL	Chi	CARHR047090	69.515	1030	1	1013	0	TNL	same
At_BAK1	LRR-RLK	Chi	CARHR033720	68.938	631	23	615	0	LRR-RLK	same
At_RPP2a	TNL	Chi	CARHR222470	68.932	412	3	414	0	TNL	same
At_RPP39	CNL	Chi	CARHR052100	68.898	463	160	616	0	NL	different
At_RLP42	LRR-RLP	Chi	CARHR126570	68.879	874	18	880	0	LRR-RLP	same

At_RPP39	CNL	Chi	CARHR052140	68.734	387	1	386	0	CNL	same
At_RFO2	LRR-RLP	Chi	CARHR017820	68.646	724	20	742	0	LRR-RLP	same
At_RLM1b	TNL	Chi	CARHR047140	68.6	1000	1	989	0	TNL	same
At_RLM1b	TNL	Chi	CARHR047120	68.416	1010	1	996	0	TNL	same
Bna_Rlm9/4/7	Other-RLK	Chi	CARHR062740	68.344	477	125	594	0	Other-RLK	same
At_RPP8	CNL	Chi	CARHR183370	68.287	432	349	775	0	NL	different
At_RPP8	CNL	Chi	CARHR011140	68.202	912	1	908	0	CNL	same
At_RLP1	LRR-RLP	Chi	CARHR007120	68.093	514	564	1071	0	LRR-RLP	same
At_RLP1	LRR-RLP	Chi	CARHR007120	68.093	514	564	1071	0	LRR-RLP	same
At_RLP1	LRR-RLP	Chi	CARHR007120	68.093	514	564	1071	0	LRR-RLP	same
At_RLM1b	TNL	Chi	CARHR047210	67.943	836	164	990	0	NL	different
At_RLP32	LRR-RLP	Chi	CARHR085660	67.791	860	1	853	0	LRR-RLP	same
Bna_Rlm9/4/7	Other-RLK	Chi	CARHR073450	67.522	779	23	794	0	Other-RLK	same
At_RLM1b	TNL	Chi	CARHR047170	67.368	570	210	775	0	NL	different
At_RLP32	LRR-RLP	Chi	CARHR105520	67.339	744	113	854	0	LRR-RLP	same
Bju_WRR1	CNL	Chi	CARHR010420	67.171	463	1	456	0	CN	different
Bju_WRR1	CNL	Chi	CARHR010420	67.171	463	1	456	0	CN	different
At_RLM1a	TNL	Chi	CARHR047100	67.164	469	1	469	0	TN	different
At_RPP39	CNL	Chi	CARHR051470	67.122	879	1	868	0	CNL	same
At_RLP23	LRR-RLP	Chi	CARHR126990	67.082	723	183	890	0	LRR-RLP	same
At_RPP7	NL	Chi	CARHR123300	67.023	561	1	560	0	NBS	different
At_RPP13	CNL	Chi	CARHR154980	67.014	864	1	830	0	CNL	same
At_RPP8	CNL	Chi	CARHR290720	66.923	910	1	904	0	CNL	same
At_RPP8	CNL	Chi	CARHR290720	66.923	910	1	904	0	CNL	same
At_RLM1a	TNL	Chi	CARHR149280	66.914	405	267	667	0	NL	different
At_RFO2	LRR-RLP	Chi	CARHR065190	66.392	729	13	737	0	LRR-RLK	different
At_RFO2	LRR-RLP	Chi	CARHR065190	66.392	729	13	737	0	LRR-RLK	different
At_RFO1	Other-RLK	Chi	CARHR016640	66.234	616	25	626	0	Other-RLK	same
At_RFO1	Other-RLK	Chi	CARHR016640	66.234	616	25	626	0	Other-RLK	same
At_NGR1b	RNL	Chi	CARHR177840	66.174	677	142	812	0	NL	different
At_RPP7	NL	Chi	CARHR283900	66.161	461	416	866	0	NL	same
At_RPP39	CNL	Chi	CARHR051470	66.098	879	1	868	0	CNL	same
At_RPP39	CNL	Chi	CARHR052110	65.984	732	146	867	0	CNL	same
At_RPP39	CNL	Chi	CARHR052110	65.984	732	146	867	0	CNL	same
At_RPP39	CNL	Chi	CARHR052110	65.984	732	146	867	0	CNL	same
At_RPP7	NL	Chi	CARHR283900	65.939	458	419	866	0	NL	same
At_RRS1	TNL	Chi	CARHR177100	65.901	1176	8	1169	0	TNL	same
At_RPS4	TNL	Chi	CARHR177200	65.673	973	158	1126	0	NL	different
At_RFO1	Other-RLK	Chi	CARHR016610	65.522	728	10	719	0	Other-RLK	same
At_RPS5	TNL	Chi	CARHR013070	65.484	733	1	729	0	CNL	different
At_RPS5	TNL	Chi	CARHR013070	65.484	733	1	729	0	CNL	different
At_RLM1b	TNL	Chi	CARHR047080	65.43	1024	1	1015	0	TNL	same
At_RPP7	NL	Chi	CARHR284070	65.399	789	5	786	0	NL	same
At_RFO1	Other-RLK	Chi	CARHR016620	65.385	754	6	750	0	Other-RLK	same
At_RPP7	NL	Chi	CARHR283760	65.32	718	151	866	0	NL	same
At_RPP7	NL	Chi	CARHR283760	65.32	718	151	866	0	NL	same
At_RLP42	LRR-RLP	Chi	CARHR126990	65.223	716	183	880	0	LRR-RLP	same
Bol_FocBo1	TNL	Chi	CARHR222470	65.217	713	1	711	0	TNL	same
Bna_Rlm9/4/7	Other-RLK	Chi	CARHR016610	65.207	434	325	751	0	Other-RLK	same
At_WRR4b	TNL	Chi	CARHR047510	65.116	430	5	432	0	TN	different
At_RFO1	Other-RLK	Chi	CARHR016640	65.079	756	6	747	0	Other-RLK	same
At_RPS5	TNL	Chi	CARHR012590	65.04	881	1	880	0	CNL	different
At_RLM1a	TNL	Chi	CARHR047710	64.941	425	4	426	0	TN	different
At_RLP23	LRR-RLP	Chi	CARHR126970	64.854	717	175	889	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Chi	CARHR105520	64.845	970	1	948	0	LRR-RLP	same
At_WRR8	TNL	Chi	CARHR175840	64.835	546	354	894	0	NL	different
At_RLP23	LRR-RLP	Chi	CARHR127300	64.723	703	182	877	0	LRR-RLP	same
At_WRR8	TNL	Chi	CARHR174840	64.568	1112	20	1100	0	TNL	same
At_RLM1a	TNL	Chi	CARHR047510	64.419	430	4	432	0	TN	different
At_RPP7	NL	Chi	CARHR283910	64.401	868	4	866	0	CNL	different
At_RPP7	NL	Chi	CARHR283910	64.401	868	4	866	0	CNL	different
At_RAC1	TNL	Chi	CARHR175840	64.234	548	344	888	0	NL	different
Bna_Rlm9/4/7	Other-RLK	Chi	CARHR057010	64.122	786	24	794	0	Other-RLK	same
Bra_Crr1a	TNL	Chi	CARHR294530	64.12	432	66	495	0	TN	different
Bra_Crr1a	TNL	Chi	CARHR294530	64.12	432	66	495	0	TN	different
Bra_Crr1a	TNL	Chi	CARHR294530	64.12	432	66	495	0	TN	different
At_WRR4b	TNL	Chi	CARHR055030	63.957	1107	4	1071	0	TNL	same
At_RAC1	TNL	Chi	CARHR116350	63.953	430	9	434	0	TN	different
At_RAC1	TNL	Chi	CARHR116350	63.953	430	9	434	0	TN	different
At_RLM1a	TNL	Chi	CARHR047430	63.844	614	11	622	0	TNL	same
At_RFO1	Other-RLK	Chi	CARHR016610	63.839	719	10	719	0	Other-RLK	same
At_WRR12	TNL	Chi	CARHR262010	63.681	1027	11	1028	0	TNL	same
At_RLM1b	TNL	Chi	CARHR047510	63.636	429	4	431	0	TN	different
At_RLM1b	TNL	Chi	CARHR047270	63.561	848	164	1003	0	NL	different
At_RRS1	TNL	Chi	CARHR177640	63.546	705	473	1169	0	TX	different
At_RRS1	TNL	Chi	CARHR177640	63.546	705	473	1169	0	TX	different
At_RRS1	TNL	Chi	CARHR177030	63.35	1176	8	1169	0	TNL	same
At_RLM1b	TNL	Chi	CARHR051270	63.243	993	1	981	0	TNL	same
At_RPP7	NL	Chi	CARHR284020	63.185	785	89	869	0	NL	same
At_RPP7	NL	Chi	CARHR284130	63.116	873	4	866	0	CNL	different
At_RPP7	NL	Chi	CARHR284130	63.116	873	4	866	0	CNL	different
At_RPP7	NL	Chi	CARHR284130	63.116	873	4	866	0	CNL	different
At_RLP42	LRR-RLP	Chi	CARHR126970	63.077	715	182	889	0	LRR-RLP	same
At_RPS4	TNL	Chi	CARHR177050	63.046	985	159	1132	0	NL	different
At_RPS4	TNL	Chi	CARHR177620	62.957	1150	8	1139	0	TNL	same
At_RPS4	TNL	Chi	CARHR177620	62.957	1150	8	1139	0	TNL	same

At_WRR4b	TNL	Chi	CARHR047430	62.945	618	12	626	0	TNL	same
At_WRR9	NL	Chi	CARHR047100	62.924	472	4	474	0	TN	different
At_RPP7	NL	Chi	CARHR284130	62.919	836	42	866	0	CNL	different
At_RPP7	NL	Chi	CARHR058170	62.874	870	1	866	0	NL	same
At_RLP42	LRR-RLP	Chi	CARHR127300	62.787	696	182	871	0	LRR-RLP	same
At_RLM1b	TNL	Chi	CARHR050870	62.586	1021	1	999	0	TNL	same
At_RLP1	LRR-RLP	Chi	CARHR006900	62.574	847	223	1067	0	LRR-RLP	same
At_RLM1a	TNL	Chi	CARHR047060	62.537	1009	5	995	0	NBS	different
At_RLM1a	TNL	Chi	CARHR047060	62.537	1009	5	995	0	TX	different
At_RLM1a	TNL	Chi	CARHR050870	62.486	909	1	896	0	TNL	same
At_ADR1	NL	Chi	CARHR208570	62.454	815	6	787	0	NL	same
At_RPP7	NL	Chi	CARHR284060	62.33	884	4	866	0	CNL	different
At_RAC1	TNL	Chi	CARHR174840	62.299	1122	9	1109	0	TNL	same
At_WRR4a	TNL	Chi	CARHR055030	62.268	1023	1	999	0	TNL	same
At_RPP8	CNL	Chi	CARHR028380	62.25	551	363	908	0	CNL	same
At_RPP8	CNL	Chi	CARHR028380	62.25	551	363	908	0	NL	different
At_WRR8	TNL	Chi	CARHR116350	62.15	428	20	442	0	TN	different
At_WRR8	TNL	Chi	CARHR116350	62.15	428	20	442	0	TN	different
At_WRR9	NL	Chi	CARHR047510	62.005	429	9	436	0	TN	different
Bra_Crr1a	TNL	Chi	CARHR151520	61.95	523	68	589	0	Other-NLR	different
At_RPP5	TNL	Chi	CARHR222470	61.898	727	4	715	0	TNL	same
Bna_LepR3/Rlm2	LRR-RLP	Chi	CARHR085660	61.835	752	201	950	0	LRR-RLP	same
At_RPP8	CNL	Chi	CARHR028380	61.774	913	1	908	0	NL	different
At_RPP8	CNL	Chi	CARHR028380	61.594	828	86	908	0	NL	different
At_WRR9	NL	Chi	CARHR047140	61.361	999	4	995	0	TNL	different
At_RLM1b	TNL	Chi	CARHR048030	61.039	462	152	600	0	NBS	different
At_RPS5	TNL	Chi	CARHR012600	60.963	748	139	883	0	CNL	different
At_RPS5	TNL	Chi	CARHR012600	60.963	748	139	883	0	NL	different
At_RLM1b	TNL	Chi	CARHR047430	60.778	617	12	626	0	TNL	same
At_RLP30	LRR-RLP	Chi	CARHR118040	60.633	790	1	781	0	LRR-RLP	same
At_RLP30	LRR-RLP	Chi	CARHR118040	60.633	790	1	781	0	LRR-RLP	same
At_WRR8	TNL	Chi	CARHR116330	60.598	736	20	745	0	TNL	same
At_WRR8	TNL	Chi	CARHR175060	60.488	901	12	891	0	TNL	same
At_RLM1a	TNL	Chi	CARHR047170	60.461	564	210	772	0	NL	different
At_RLM1b	TNL	Chi	CARHR047060	60.405	1038	5	1010	0	TX	different
At_RLM1b	TNL	Chi	CARHR047060	60.405	1038	5	1010	0	TX	different
At_RLM1a	TNL	Chi	CARHR048060	60.398	553	160	709	0	NL	different
At_WRR4b	TNL	Chi	CARHR047100	60.341	469	1	469	0	TN	different
At_RPP4	TNL	Chi	CARHR222470	60.249	722	5	722	0	TNL	same
Bra_Crr1a	TNL	Chi	CARHR202050	60.244	737	68	796	0	NL	different
Bju_WRR1	CNL	Chi	CARHR011140	60.154	911	1	900	0	CNL	same
At_RPS4	TNL	Chi	CARHR177620	60.087	1150	8	1139	0	TNL	same
At_RAC1	TNL	Csa	Csa11g065490	68.354	158	160	317	1.57E-53	NL	different
Bna_Rlm9/4/7	Other-RLK	Csa	Csa14g020270	65.882	170	588	757	1.52E-54	Other-RLK	same
At_WRR8	TNL	Csa	Csa11g065490	68.987	158	170	327	8.53E-56	NL	different
At_RFO2	LRR-RLP	Csa	Csa16g034990	64.815	162	576	737	3.22E-56	LRR-RLK	different
At_RPS5	TNL	Csa	Csa03g016040	70.667	150	140	289	3.89E-58	CNL	different
At_ADR1	NL	Csa	Csa05g083250	61.236	178	214	391	2.14E-63	NBS	different
At_RPP7	NL	Csa	Csa05g052490	61.878	181	126	306	1.26E-64	NL	same
At_RPS5	TNL	Csa	Csa04404s010	64.571	175	434	605	1.55E-66	NL	different
At_RFO1	Other-RLK	Csa	Csa14g020270	72.892	166	555	720	1.19E-68	Other-RLK	same
Bna_Rlm9/4/7	Other-RLK	Csa	Csa07g058810	68.627	204	594	793	5.66E-70	Other-RLK	same
At_RFO1	Other-RLK	Csa	Csa09g093940	66.667	183	519	701	3.12E-77	Other-RLK	same
At_ADR1	NL	Csa	Csa16g035790	60.952	210	214	423	3.08E-79	NBS	different
At_RPS5	TNL	Csa	Csa14g015220	60.569	246	387	623	4.08E-80	CNL	different
At_RLP23	LRR-RLP	Csa	Csa15g052710	73.333	195	693	887	5.29E-82	LRR-RLP	same
At_RLP23	LRR-RLP	Csa	Csa15g052710	73.333	195	693	887	5.29E-82	LRR-RLP	same
At_RPP2b	TNL	Csa	Csa12g042110	77.439	164	465	628	2.04E-86	NL	different
At_NGR1a	RNL	Csa	Csa03087s010	71.845	206	269	467	8.77E-90	NBS	different
At_RFO3	Other-RLK	Csa	Csa11g022890	64.815	216	515	730	2.26E-91	Other-RLK	same
At_RPP2a	TNL	Csa	Csa10g028540	61.569	255	161	414	5.04E-93	NL	different
At_RPP2b	TNL	Csa	Csa03866s010	73.659	205	179	382	4.53E-93	NBS	different
At_RLP42	LRR-RLP	Csa	Csa15g052710	79.275	193	693	880	2.59E-94	LRR-RLP	same
At_RLP42	LRR-RLP	Csa	Csa15g052710	79.275	193	693	880	2.59E-94	LRR-RLP	same
Bju_WRR1	CNL	Csa	Csa11g050760	60.547	256	1	256	4.10E-101	CN	different
Bna_LepR3/Rlm2	LRR-RLP	Csa	Csa19g015120	63.88	299	502	794	1.45E-102	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Csa	Csa19g015120	63.88	299	502	794	1.45E-102	LRR-RLP	same
At_NGR1b	RNL	Csa	Csa03087s010	81.193	218	259	472	2.36E-105	NBS	different
Bna_Rlm9/4/7	Other-RLK	Csa	Csa09g093940	76.543	243	552	794	2.02E-105	Other-RLK	same
At_RPM1	NL	Csa	Csa01g008050	60.703	313	615	926	1.86E-105	NL	same
At_RPP39	CNL	Csa	Csa16g055550	73.568	227	403	629	1.04E-105	CNL	same
At_RPP8	CNL	Csa	Csa11g050760	65.385	260	1	260	2.32E-110	CN	different
At_RPP39	CNL	Csa	Csa16g055550	76.569	239	380	618	1.58E-118	CNL	same
At_RAC1	TNL	Csa	Csa07g030100	63.522	318	160	474	8.12E-121	NL	different
At_RPP39	CNL	Csa	Csa17g016520	60.355	338	236	568	9.97E-125	CNL	same
At_RPS5	TNL	Csa	Csa17g016100	65.449	301	1	299	2.11E-126	NBS	different
At_RLM1a	TNL	Csa	Csa11g038780	62.046	303	319	621	1.53E-126	NL	different
At_RPP8	CNL	Csa	Csa11g074780	64.198	324	585	908	1.04E-127	CNL	same
At_BAK1	LRR-RLK	Csa	Csa10g008830	99.471	189	427	615	2.75E-128	LRR-RLK	same
At_RFO1	Other-RLK	Csa	Csa14g022240	65.854	287	438	723	1.05E-128	Other-RLK	same
Bna_Rlm9/4/7	Other-RLK	Csa	Csa14g022240	72.593	270	469	737	8.68E-129	Other-RLK	same
At_RLP32	LRR-RLP	Csa	Csa19g015120	72.575	299	415	712	4.32E-129	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa19g015120	72.575	299	415	712	4.32E-129	LRR-RLP	same
At_RPP8	CNL	Csa	Csa20g041580	65.616	349	562	906	3.53E-137	CNL	same
Bju_WRR1	CNL	Csa	Csa10g029780	61.862	333	1	333	8.34E-140	CNL	same
At_RFO1	Other-RLK	Csa	Csa09g093940	87.649	251	50	296	3.36E-144	Other-RLK	same

Bju_WRR1	CNL	Csa	Csa03g013720	63.636	341	1	336	6.39E-146	CNL	same
At_NGR1b	RNL	Csa	Csa11g104020	62.716	405	415	815	6.62E-154	CNL	different
At_RPP8	CNL	Csa	Csa10g029780	64.723	343	1	343	5.31E-155	CNL	same
At_WRR12	TNL	Csa	Csa03g021400	84.588	279	393	652	1.51E-156	LRR-RLP	different
At_WRR12	TNL	Csa	Csa03g021400	84.588	279	393	652	1.51E-156	LRR-RLP	different
At_NGR1a	RNL	Csa	Csa11g104020	63.184	402	413	809	1.03E-156	CNL	different
At_RPP1	TNL	Csa	Csa09g050290	60.879	478	684	1152	2.32E-159	CNL	different
At_RPP8	CNL	Csa	Csa03g013720	68.915	341	1	341	3.99E-165	CNL	same
At_RFO1	Other-RLK	Csa	Csa09g093940	62.879	396	275	667	2.74E-165	Other-RLK	same
At_RP55	TNL	Csa	Csa14g015130	60.584	411	1	411	7.41E-168	CN	different
Bju_WRR1	CNL	Csa	Csa20g041580	67.196	378	1	372	1.44E-169	CNL	same
At_RPP13	CNL	Csa	Csa06g020520	72.022	361	103	460	5.44E-170	NBS	different
At_RLP42	LRR-RLP	Csa	Csa05g023540	65.116	387	392	777	3.86E-171	LRR-RLP	same
At_RLP42	LRR-RLP	Csa	Csa05g023540	65.116	387	392	777	3.86E-171	LRR-RLP	same
At_RFO1	Other-RLK	Csa	Csa14g034030	61.809	398	360	751	1.14E-171	Other-RLK	same
At_RLP23	LRR-RLP	Csa	Csa05g023540	65.633	387	392	777	1.11E-174	LRR-RLP	same
At_RLP23	LRR-RLP	Csa	Csa05g023540	65.633	387	392	777	1.11E-174	LRR-RLP	same
At_RP55	TNL	Csa	Csa03g016040	67.176	393	1	393	7.10E-176	CNL	different
At_BAK1	LRR-RLK	Csa	Csa03g038390	72.178	381	9	377	3.03E-176	LRR-RLK	same
At_BAK1	LRR-RLK	Csa	Csa12g011400	98.699	615	1	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Csa	Csa11g009710	98.699	615	1	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Csa	Csa11g009710	97.276	624	1	615	0	LRR-RLK	same
At_RFO1	Other-RLK	Csa	Csa09g093940	89.452	730	29	751	0	Other-RLK	same
At_RFO1	Other-RLK	Csa	Csa16g049330	89.373	734	24	751	0	Other-RLK	same
At_FLS2	LRR-RLK	Csa	Csa18g003700	89.325	1171	1	1168	0	LRR-RLK	same
At_FLS2	LRR-RLK	Csa	Csa11g065650	88.682	804	367	1167	0	LRR-RLK	same
At_RFO2	LRR-RLP	Csa	Csa17g022930	88.228	756	1	755	0	LRR-RLP	same
At_RFO2	LRR-RLP	Csa	Csa17g022930	88.228	756	1	755	0	LRR-RLP	same
At_ADR1	NL	Csa	Csa17g056910	88.184	457	1	455	0	NBS	different
At_RPS2	NL	Csa	Csa10g016820	87.671	657	253	909	0	CNL	different
At_SOBR1	LRR-RLK	Csa	Csa07g010930	87.072	642	1	641	0	LRR-RLK	same
At_BAK1	LRR-RLK	Csa	Csa12g011400	85.547	685	1	615	0	LRR-RLK	same
At_RLP32	LRR-RLP	Csa	Csa01g006540	85.434	865	1	860	0	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa01g006540	85.434	865	1	860	0	LRR-RLP	same
At_ADR1	NL	Csa	Csa14g043540	85.316	790	1	787	0	NL	same
At_RLP32	LRR-RLP	Csa	Csa19g008130	85.269	835	1	830	0	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa19g008130	85.269	835	1	830	0	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa15g007010	85.047	856	1	852	0	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa15g007010	85.047	856	1	852	0	LRR-RLP	same
At_BAK1	LRR-RLK	Csa	Csa10g008830	83.56	663	1	612	0	LRR-RLK	same
At_FLS2	LRR-RLK	Csa	Csa20g079470	83.543	1112	73	1167	0	LRR-RLK	same
At_RPS2	NL	Csa	Csa11g018310	82.513	955	1	909	0	CNL	different
At_RPS2	NL	Csa	Csa10g016820	81.893	486	1	480	0	CNL	different
At_BAK1	LRR-RLK	Csa	Csa15g064420	81.728	602	17	615	0	LRR-RLK	same
At_RPP8	CNL	Csa	Csa20g041580	81.627	381	1	380	0	CNL	same
At_RLP30	LRR-RLP	Csa	Csa19g007700	81.599	788	1	786	0	LRR-RLP	same
At_RLP30	LRR-RLP	Csa	Csa19g007700	81.599	788	1	786	0	LRR-RLP	same
At_RLP30	LRR-RLP	Csa	Csa15g006630	79.716	774	16	786	0	LRR-RLP	same
At_RLP30	LRR-RLP	Csa	Csa15g006630	79.716	774	16	786	0	LRR-RLP	same
At_RPP13	CNL	Csa	Csa09g042600	79.636	604	1	592	0	NBS	different
At_NGR1b	RNL	Csa	Csa18g040610	79.63	756	5	753	0	NL	different
At_BAK1	LRR-RLK	Csa	Csa07g038730	79.504	605	24	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Csa	Csa09g075150	79.504	605	24	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Csa	Csa16g034450	79.504	605	24	615	0	LRR-RLK	same
At_RLP42	LRR-RLP	Csa	Csa01g031010	79.274	854	17	869	0	LRR-RLP	same
At_RLP42	LRR-RLP	Csa	Csa01g031010	79.274	854	17	869	0	LRR-RLP	same
At_RLP42	LRR-RLP	Csa	Csa19g036840	78.463	859	25	880	0	LRR-RLP	same
At_RLP42	LRR-RLP	Csa	Csa19g036840	78.463	859	25	880	0	LRR-RLP	same
At_WRR12	TNL	Csa	Csa03g021400	78.365	587	463	1048	0	LRR-RLP	different
At_WRR12	TNL	Csa	Csa03g021400	78.365	587	463	1048	0	LRR-RLP	different
At_RFO1	Other-RLK	Csa	Csa07g058810	78.31	710	50	751	0	Other-RLK	same
At_WRR12	TNL	Csa	Csa14g021890	78.174	701	355	1035	0	NL	different
At_RPP39	CNL	Csa	Csa09g095740	77.914	326	1	326	0	CN	different
Bna_Rlm9/4/7	Other-RLK	Csa	Csa09g093940	77.859	411	286	693	0	Other-RLK	same
At_RPP8	CNL	Csa	Csa18g014750	77.79	914	1	906	0	CNL	same
At_NGR1b	RNL	Csa	Csa11g104020	77.119	826	5	790	0	CNL	different
At_BAK1	LRR-RLK	Csa	Csa17g059530	76.414	619	9	615	0	LRR-RLK	same
At_RLP30	LRR-RLP	Csa	Csa01g006210	74.968	783	1	782	0	LRR-RLP	same
At_RLP30	LRR-RLP	Csa	Csa01g006210	74.968	783	1	782	0	LRR-RLP	same
At_RPP8	CNL	Csa	Csa11g074780	74.73	463	1	462	0	CNL	same
At_RPP39	CNL	Csa	Csa16g053080	74.706	340	1	340	0	CN	different
At_WRR4b	TNL	Csa	Csa07g026440	74.641	765	315	1073	0	NL	different
At_RFO1	Other-RLK	Csa	Csa07g058680	74.006	704	55	751	0	Other-RLK	same
At_RFO3	Other-RLK	Csa	Csa19g022860	73.767	892	1	850	0	Other-RLK	same
At_RFO3	Other-RLK	Csa	Csa15g020770	73.359	777	19	773	0	Other-RLK	same
At_RPP39	CNL	Csa	Csa07g062500	73.273	550	1	548	0	CNL	same
At_RPP39	CNL	Csa	Csa07g062500	73.273	550	1	548	0	CNL	same
At_WRR4b	TNL	Csa	Csa17g098890	73.038	586	494	1072	0	LRR-RLP	different
At_WRR4b	TNL	Csa	Csa17g098890	73.038	586	494	1072	0	LRR-RLP	different
At_RFO3	Other-RLK	Csa	Csa05g081570	72.306	863	1	850	0	Other-RLK	same
At_RFO2	LRR-RLP	Csa	Csa07g039390	72.131	549	189	737	0	LRR-RLK	different
At_RFO2	LRR-RLP	Csa	Csa14g021470	72.043	744	6	749	0	LRR-RLP	same
At_RFO2	LRR-RLP	Csa	Csa14g021470	72.043	744	6	749	0	LRR-RLP	same
At_RFO2	LRR-RLP	Csa	Csa16g034990	72.029	690	48	737	0	LRR-RLK	different
Bna_Rlm9/4/7	Other-RLK	Csa	Csa01g034720	71.681	791	22	794	0	Other-RLK	same
At_RPP13	CNL	Csa	Csa06g020300	71.678	858	1	834	0	NL	different

Bna_Rlm9/4/7	Other-RLK	Csa	Csa19g050880	71.648	783	22	794	0	Other-RLK	same
At_RPP39	CNL	Csa	Csa09g095770	71.361	845	42	871	0	CNL	same
At_RPP39	CNL	Csa	Csa07g062500	71.268	891	1	871	0	CNL	same
At_BAK1	LRR-RLK	Csa	Csa14g044100	71.254	574	97	615	0	LRR-RLK	same
At_RPP39	CNL	Csa	Csa07g062500	71.124	890	1	871	0	CNL	same
At_RPP39	CNL	Csa	Csa07g062500	71.124	890	1	871	0	CNL	same
At_RFO3	Other-RLK	Csa	Csa16g027360	71.101	872	1	850	0	Other-RLK	same
At_RLP32	LRR-RLP	Csa	Csa19g013610	70.952	630	228	854	0	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa19g013610	70.952	630	228	854	0	LRR-RLP	same
At_RPP8	CNL	Csa	Csa14g013640	70.46	914	1	908	0	CNL	same
At_RPP8	CNL	Csa	Csa17g093690	70.273	915	1	906	0	CNL	same
At_RPP39	CNL	Csa	Csa07g062360	70.056	885	1	870	0	CNL	same
At_NGR1a	RNL	Csa	Csa18g040610	70.039	761	1	747	0	NL	different
At_RPP39	CNL	Csa	Csa09g095730	70.034	881	1	871	0	CNL	same
At_RPP8	CNL	Csa	Csa12g074470	69.934	908	1	905	0	CNL	same
At_RFO2	LRR-RLP	Csa	Csa09g075890	69.783	738	1	737	0	LRR-RLK	different
Bna_Rlm9/4/7	Other-RLK	Csa	Csa07g036470	69.466	786	22	794	0	Other-RLK	same
At_RFO2	LRR-RLP	Csa	Csa03g021020	69.231	741	1	740	0	LRR-RLP	same
At_RFO2	LRR-RLP	Csa	Csa03g021020	69.231	741	1	740	0	LRR-RLP	same
At_RPP39	CNL	Csa	Csa07g062520	69.221	809	81	877	0	NL	different
At_RLP23	LRR-RLP	Csa	Csa05g024050	68.899	881	17	890	0	LRR-RLP	same
At_RLP23	LRR-RLP	Csa	Csa05g024050	68.899	881	17	890	0	LRR-RLP	same
At_RPP39	CNL	Csa	Csa09g095890	68.787	849	42	877	0	CNL	same
At_RLM3	TN	Csa	Csa12g049800	68.736	435	155	548	0	NBS	different
At_RPP13	CNL	Csa	Csa09g043970	68.458	856	1	834	0	NL	different
At_NGR1a	RNL	Csa	Csa11g104020	68.231	831	1	784	0	CNL	different
At_RPP39	CNL	Csa	Csa07g062370	68.182	462	424	871	0	LRR-RLP	different
At_RPP39	CNL	Csa	Csa07g062370	68.182	462	424	871	0	LRR-RLP	different
Bna_Rlm9/4/7	Other-RLK	Csa	Csa16g031260	68.164	757	50	794	0	Other-RLK	same
At_RFO2	LRR-RLP	Csa	Csa17g022950	68.151	741	1	740	0	LRR-RLP	same
At_RFO2	LRR-RLP	Csa	Csa17g022950	68.151	741	1	740	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Csa	Csa19g046270	67.886	629	323	947	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Csa	Csa19g046270	67.886	629	323	947	0	LRR-RLP	same
At_RLP23	LRR-RLP	Csa	Csa01g031010	67.87	859	18	875	0	LRR-RLP	same
At_RLP23	LRR-RLP	Csa	Csa01g031010	67.87	859	18	875	0	LRR-RLP	same
At_RPP7	NL	Csa	Csa05g052240	67.727	880	1	866	0	NL	same
At_RLP23	LRR-RLP	Csa	Csa05g024010	67.698	808	84	890	0	LRR-RLP	same
At_RLP23	LRR-RLP	Csa	Csa05g024010	67.698	808	84	890	0	LRR-RLP	same
Bna_Rlm9/4/7	Other-RLK	Csa	Csa07g058810	67.643	683	24	699	0	Other-RLK	same
At_RLP23	LRR-RLP	Csa	Csa19g036840	67.552	866	25	887	0	LRR-RLP	same
At_RLP23	LRR-RLP	Csa	Csa19g036840	67.552	866	25	887	0	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa19g046270	67.528	619	234	852	0	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa19g046270	67.528	619	234	852	0	LRR-RLP	same
At_RLP42	LRR-RLP	Csa	Csa05g024050	67.506	874	18	880	0	LRR-RLP	same
At_RLP42	LRR-RLP	Csa	Csa05g024050	67.506	874	18	880	0	LRR-RLP	same
At_RPP8	CNL	Csa	Csa03g060600	66.914	674	1	668	0	CNL	same
At_RPP39	CNL	Csa	Csa16g053190	66.894	879	1	869	0	CNL	same
At_RLP32	LRR-RLP	Csa	Csa19g008130	66.822	859	29	860	0	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa19g008130	66.822	859	29	860	0	LRR-RLP	same
At_RFO1	Other-RLK	Csa	Csa03g019890	66.809	705	5	699	0	Other-RLK	same
At_RPS5	TNL	Csa	Csa14g015220	66.757	737	1	736	0	CNL	different
At_BAK1	LRR-RLK	Csa	Csa19g043470	66.729	538	17	549	0	LRR-RLK	same
At_BAK1	LRR-RLK	Csa	Csa19g043470	66.729	538	17	549	0	LRR-RLK	same
At_RLP32	LRR-RLP	Csa	Csa15g007010	66.525	708	66	748	0	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa15g007010	66.525	708	66	748	0	LRR-RLP	same
Bna_Rlm9/4/7	Other-RLK	Csa	Csa14g034030	66.514	436	359	793	0	Other-RLK	same
At_RFO1	Other-RLK	Csa	Csa17g021700	66.243	708	13	704	0	Other-RLK	same
At_RPP8	CNL	Csa	Csa14g063890	65.939	916	1	906	0	CNL	same
At_RPS5	TNL	Csa	Csa17g016500	65.876	885	1	884	0	CNL	different
At_RFO1	Other-RLK	Csa	Csa17g021720	65.869	627	133	747	0	Other-RLK	same
At_RPP39	CNL	Csa	Csa09g095760	65.847	691	1	683	0	CNL	same
At_RPP39	CNL	Csa	Csa09g095750	65.798	883	1	873	0	CNL	same
At_RLP32	LRR-RLP	Csa	Csa15g014680	65.783	868	1	854	0	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa15g014680	65.783	868	1	854	0	LRR-RLP	same
At_RPP39	CNL	Csa	Csa16g055540	65.684	848	1	821	0	CNL	same
At_RLP32	LRR-RLP	Csa	Csa19g014830	65.471	892	1	854	0	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa19g014830	65.471	892	1	854	0	LRR-RLP	same
At_RPS5	TNL	Csa	Csa10g031910	65.471	892	1	883	0	NL	different
At_RFO1	Other-RLK	Csa	Csa03g019890	65.444	709	10	699	0	Other-RLK	same
At_RLP23	LRR-RLP	Csa	Csa07g008160	65.438	868	22	883	0	LRR-RLP	same
At_RLP23	LRR-RLP	Csa	Csa07g008160	65.438	868	22	883	0	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa15g014440	65.389	835	38	830	0	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa15g014440	65.389	835	38	830	0	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa19g015110	65.264	832	80	854	0	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa19g015110	65.264	832	80	854	0	LRR-RLP	same
At_FLS2	LRR-RLK	Csa	Csa20g079470	65.256	780	24	764	0	LRR-RLK	same
At_RFO1	Other-RLK	Csa	Csa17g021700	65.158	729	10	718	0	Other-RLK	same
At_RFO1	Other-RLK	Csa	Csa14g020260	65.154	749	18	751	0	Other-RLK	same
Bna_Rlm9/4/7	Other-RLK	Csa	Csa05g087560	65.071	773	41	794	0	Other-RLK	same
At_RLP23	LRR-RLP	Csa	Csa16g008260	64.854	717	175	889	0	LRR-RLP	same
At_RLP23	LRR-RLP	Csa	Csa16g008260	64.854	717	175	889	0	LRR-RLP	same
At_RPP8	CNL	Csa	Csa03g013720	64.73	482	431	907	0	CNL	same
At_RLP23	LRR-RLP	Csa	Csa16g008000	64.673	719	175	888	0	LRR-RLP	same
At_RLP23	LRR-RLP	Csa	Csa16g008000	64.673	719	175	888	0	LRR-RLP	same
At_RPP13	CNL	Csa	Csa04g029590	64.596	853	1	834	0	NL	different
At_RLP32	LRR-RLP	Csa	Csa15g014660	64.567	889	1	854	0	LRR-RLP	same

At_RLP32	LRR-RLP	Csa	Csa15g014660	64.567	889	1	854	0	LRR-RLP	same
At_RPP8	CNL	Csa	Csa12g053350	64.466	909	1	904	0	CNL	same
Bna_LepR3/Rlm2	LRR-RLP	Csa	Csa19g013610	64.275	641	317	947	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Csa	Csa19g013610	64.275	641	317	947	0	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa19g015030	64.27	890	1	854	0	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa19g015030	64.27	890	1	854	0	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa19g014850	64.267	778	114	853	0	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa19g014850	64.267	778	114	853	0	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa01g012020	64.123	878	29	846	0	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa01g012020	64.123	878	29	846	0	LRR-RLP	same
At_RLP23	LRR-RLP	Csa	Csa05g023150	64.078	721	175	888	0	LRR-RLP	same
At_RLP23	LRR-RLP	Csa	Csa05g023150	64.078	721	175	888	0	LRR-RLP	same
At_RLP23	LRR-RLP	Csa	Csa05g023150	64.078	721	175	888	0	LRR-RLP	same
At_RLP23	LRR-RLP	Csa	Csa05g023150	64.078	721	175	888	0	LRR-RLP	same
At_RFO1	Other-RLK	Csa	Csa03g019890	64.058	754	10	751	0	Other-RLK	same
Bna_MPK9	Other-RLK	Csa	Csa09g002650	63.91	532	100	564	0	Other-RLK	same
At_RFO1	Other-RLK	Csa	Csa14g020250	63.821	738	5	721	0	Other-RLK	same
At_RFO1	Other-RLK	Csa	Csa17g021720	63.525	732	12	720	0	Other-RLK	same
At_RLP32	LRR-RLP	Csa	Csa15g014440	63.474	783	55	832	0	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa15g014440	63.474	783	55	832	0	LRR-RLP	same
At_RPP7	NL	Csa	Csa16g018240	63.314	875	1	869	0	NL	same
At_RPP8	CNL	Csa	Csa03g014560	63.293	741	27	761	0	CNL	same
At_RRS1	TNL	Csa	Csa11g068440	63.246	1189	6	1158	0	NL	different
Bna_LepR3/Rlm2	LRR-RLP	Csa	Csa15g007010	63.194	739	204	937	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Csa	Csa15g007010	63.194	739	204	937	0	LRR-RLP	same
At_RFO1	Other-RLK	Csa	Csa14g020240	63.172	763	1	741	0	Other-RLK	same
At_RLP42	LRR-RLP	Csa	Csa16g008000	63.083	707	182	880	0	LRR-RLP	same
At_RLP42	LRR-RLP	Csa	Csa16g008000	63.083	707	182	880	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Csa	Csa01g006540	63.017	749	204	942	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Csa	Csa01g006540	63.017	749	204	942	0	LRR-RLP	same
At_RLP42	LRR-RLP	Csa	Csa07g008160	62.993	862	22	876	0	LRR-RLP	same
At_RLP42	LRR-RLP	Csa	Csa07g008160	62.993	862	22	876	0	LRR-RLP	same
At_RPP7	NL	Csa	Csa05g052410	62.916	782	1	776	0	NL	same
At_RPP8	CNL	Csa	Csa03g060600	62.867	579	335	908	0	CNL	same
Bna_LepR3/Rlm2	LRR-RLP	Csa	Csa15g007010	62.84	662	176	831	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Csa	Csa15g007010	62.84	662	176	831	0	LRR-RLP	same
At_ADR1	NL	Csa	Csa20g005920	62.822	815	6	787	0	CNL	different
At_RLP42	LRR-RLP	Csa	Csa05g023150	62.764	709	182	880	0	LRR-RLP	same
At_RLP42	LRR-RLP	Csa	Csa05g023150	62.764	709	182	880	0	LRR-RLP	same
At_RLP42	LRR-RLP	Csa	Csa05g023150	62.764	709	182	880	0	LRR-RLP	same
At_RLP42	LRR-RLP	Csa	Csa05g023150	62.764	709	182	880	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Csa	Csa19g008130	62.743	773	176	942	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Csa	Csa19g008130	62.743	773	176	942	0	LRR-RLP	same
At_WRR12	TNL	Csa	Csa12g079810	62.736	636	347	981	0	NL	different
At_RLP42	LRR-RLP	Csa	Csa16g008260	62.674	718	182	889	0	LRR-RLP	same
At_RLP42	LRR-RLP	Csa	Csa16g008260	62.674	718	182	889	0	LRR-RLP	same
At_WRR12	TNL	Csa	Csa14g021930	62.637	637	374	1010	0	NL	different
Bju_WRR1	CNL	Csa	Csa17g093690	62.623	915	1	900	0	CNL	same
At_RLP32	LRR-RLP	Csa	Csa01g012100	62.613	888	1	846	0	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa01g012100	62.613	888	1	846	0	LRR-RLP	same
At_ADR1	NL	Csa	Csa08g059780	62.546	817	6	787	0	CNL	different
Bna_LepR3/Rlm2	LRR-RLP	Csa	Csa19g008130	62.327	722	204	915	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Csa	Csa19g008130	62.327	722	204	915	0	LRR-RLP	same
At_RPP13	CNL	Csa	Csa09g043950	62.284	867	1	830	0	CNL	same
At_RPS5	TNL	Csa	Csa17g016520	62.116	879	1	874	0	CNL	different
At_RLP32	LRR-RLP	Csa	Csa19g014810	62.099	934	1	868	0	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa19g014810	62.099	934	1	868	0	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa19g014880	62.09	823	1	765	0	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa19g014880	62.09	823	1	765	0	LRR-RLP	same
At_RLM1b	TNL	Csa	Csa07g063320	62.061	883	161	998	0	NL	different
At_RPS5	TNL	Csa	Csa17g016520	62.027	582	308	883	0	CNL	different
At_ADR1	NL	Csa	Csa13g006680	61.74	724	6	695	0	CNL	different
Bna_LepR3/Rlm2	LRR-RLP	Csa	Csa15g014440	61.73	763	176	921	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Csa	Csa15g014440	61.73	763	176	921	0	LRR-RLP	same
Bju_WRR1	CNL	Csa	Csa12g074470	61.648	910	1	900	0	CNL	same
Bna_LepR3/Rlm2	LRR-RLP	Csa	Csa15g014680	61.598	776	187	950	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Csa	Csa15g014680	61.598	776	187	950	0	LRR-RLP	same
Bju_WRR1	CNL	Csa	Csa03g060600	61.573	674	1	667	0	CNL	same
At_RLP32	LRR-RLP	Csa	Csa19g015120	61.555	926	34	853	0	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa19g015120	61.555	926	34	853	0	LRR-RLP	same
At_RFO1	Other-RLK	Csa	Csa03g019890	61.528	707	35	725	0	Other-RLK	same
Bju_WRR1	CNL	Csa	Csa18g014750	61.379	914	1	900	0	CNL	same
At_RLP32	LRR-RLP	Csa	Csa19g015010	61.148	610	252	852	0	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa19g015010	61.148	610	252	852	0	LRR-RLP	same
Bna_Rlm9/4/7	Other-RLK	Csa	Csa03g019890	60.676	740	22	748	0	Other-RLK	same
Bju_WRR1	CNL	Csa	Csa14g013640	60.593	911	1	900	0	CNL	same
At_RPS5	TNL	Csa	Csa17g016520	60.541	887	1	881	0	CNL	different
At_RLP32	LRR-RLP	Csa	Csa19g014580	60.535	935	1	854	0	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa19g014580	60.535	935	1	854	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Csa	Csa19g015120	60.515	932	26	938	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Csa	Csa19g015120	60.515	932	26	938	0	LRR-RLP	same
At_RLM1a	TNL	Csa	Csa07g023960	60.342	643	367	997	0	NL	different
At_RLP23	LRR-RLP	Csa	Csa05g023480	60.332	784	175	889	0	LRR-RLP	same
At_RLP23	LRR-RLP	Csa	Csa05g023480	60.332	784	175	889	0	LRR-RLP	same
At_RPS5	TNL	Csa	Csa17g016520	60.311	514	27	538	0	CNL	different
At_RPP13	CNL	Csa	Csa04g029570	60.23	870	1	830	0	CNL	same

At_RLP32	LRR-RLP	Csa	Csa19g014800	60.225	890	1	854	0	LRR-RLP	same
At_RLP32	LRR-RLP	Csa	Csa19g014800	60.225	890	1	854	0	LRR-RLP	same
At_RLP23	LRR-RLP	Csa	Csa05g024200	60.141	710	175	880	0	LRR-RLP	same
At_RLP23	LRR-RLP	Csa	Csa05g024200	60.141	710	175	880	0	LRR-RLP	same
At_RPP7	NL	Csa	Csa16g018250	60.114	875	1	866	0	NL	same
At_RPP1	TNL	Aha	Araha.4751s0001.1	60.403	149	94	242	1.07E-52	TN	different
At_RPP5	TNL	Aha	Araha.25586s0003.1	61.074	149	11	159	1.75E-55	TX	different
Bol_FocBo1	TNL	Aha	Araha.25586s0003.1	60.135	148	7	154	1.06E-55	TX	different
At_RPP5	TNL	Aha	Araha.66955s0001.1	60.784	153	3	155	7.73E-56	TX	different
At_WRR4a	TNL	Aha	Araha.66955s0001.1	61.184	152	1	152	1.97E-56	TX	different
At_RLM1a	TNL	Aha	Araha.66955s0001.1	60.135	148	7	154	9.82E-59	TX	different
Bra_cRa/cRb	TNL	Aha	Araha.66955s0001.1	62.838	148	68	215	2.86E-59	TX	different
At_RPP5	TNL	Aha	Araha.1430s0001.1	61.745	149	11	159	2.34E-59	TX	different
Bol_FocBo1	TNL	Aha	Araha.66955s0001.1	63.758	149	5	153	1.36E-59	TX	different
Bra_cRa/cRb	TNL	Aha	Araha.4751s0001.1	70.47	149	71	219	2.12E-60	TN	different
At_WRR4b	TNL	Aha	Araha.66827s0001.1	62.162	148	11	158	5.94E-61	TX	different
At_WRR4b	TNL	Aha	Araha.66955s0001.1	62.658	158	1	158	4.31E-61	TX	different
Bol_FocBo1	TNL	Aha	Araha.59926s0001.1	60.377	159	9	167	6.50E-62	TX	different
At_WRR9	NL	Aha	Araha.59926s0001.1	61.635	159	17	175	2.04E-63	TX	different
Bra_Crr1a	TNL	Aha	Araha.59926s0001.1	62.025	158	70	227	1.31E-64	TX	different
At_RPP1	TNL	Aha	Araha.5406s0003.1	66.86	172	64	235	5.47E-68	TX	different
At_RPP1	TNL	Aha	Araha.59926s0001.1	64.78	159	97	255	7.26E-69	TX	different
At_WRR4a	TNL	Aha	Araha.59926s0001.1	64.706	170	1	170	1.85E-69	TX	different
Bra_Crr1a	TNL	Aha	Araha.4751s0001.1	77.181	149	66	214	1.04E-69	TN	different
At_WRR9	NL	Aha	Araha.38723s0001.1	61.5	200	5	204	5.69E-70	TX	different
At_RLM1b	TNL	Aha	Araha.25586s0003.1	70.47	149	10	158	8.58E-71	TX	different
At_RLM1b	TNL	Aha	Araha.59926s0001.1	66.082	171	1	171	4.53E-71	TX	different
At_RPP1	TNL	Aha	Araha.38723s0001.1	61.809	199	87	285	4.93E-74	TX	different
At_WRR4b	TNL	Aha	Araha.59926s0001.1	66.279	172	1	172	2.72E-74	TX	different
At_RFO3	Other-RLK	Aha	Araha.3018s0001.1	63.687	179	515	693	1.83E-74	Other-RLK	same
At_WRR4a	TNL	Aha	Araha.38723s0001.1	63.317	199	1	199	1.83E-74	TX	different
At_WRR4a	TNL	Aha	Araha.25586s0003.1	74.497	149	9	157	1.51E-74	TX	different
At_RPP4	TNL	Aha	Araha.18217s0002.1	69.588	194	1	190	6.67E-75	TN	different
At_RLM1a	TNL	Aha	Araha.59926s0001.1	67.456	169	3	171	3.41E-75	TX	different
At_RFO3	Other-RLK	Aha	Araha.3018s0001.3	63.687	179	515	693	3.16E-76	Other-RLK	same
At_RPP5	TNL	Aha	Araha.18217s0002.1	82.781	151	10	160	1.68E-76	TN	different
At_RPP1	TNL	Aha	Araha.66827s0001.1	65.341	176	69	241	1.23E-76	TX	different
At_RPP2a	TNL	Aha	Araha.18217s0002.1	64.249	193	231	423	9.10E-77	TN	different
At_RFO3	Other-RLK	Aha	Araha.3018s0001.2	63.687	179	515	693	7.30E-77	Other-RLK	same
At_RLM1a	TNL	Aha	Araha.25586s0003.1	77.852	149	10	158	2.84E-79	TX	different
At_RLM1b	TNL	Aha	Araha.38723s0001.1	66.5	200	1	200	1.97E-80	TX	different
At_WRR4b	TNL	Aha	Araha.25586s0003.1	81.132	159	1	159	2.23E-81	TX	different
At_WRR4b	TNL	Aha	Araha.38723s0001.1	63.981	211	1	206	2.07E-81	TX	different
At_RLM1a	TNL	Aha	Araha.38723s0001.1	66.162	198	3	200	1.41E-81	TX	different
At_RPP8	CNL	Aha	Araha.31961s0001.1	79.769	173	1	173	2.95E-84	CNL	same
Bol_FocBo1	TNL	Aha	Araha.18217s0002.1	60.086	233	229	454	4.53E-93	TN	different
At_RPP4	TNL	Aha	Araha.18217s0002.1	74.672	229	232	453	7.89E-109	TN	different
At_RPP5	TNL	Aha	Araha.18217s0002.1	75.904	249	236	477	4.58E-116	TN	different
At_RLP42	LRR-RLP	Aha	Araha.5796s0001.1	67.774	301	588	880	1.19E-128	LRR-RLP	same
Bra_Crr1a	TNL	Aha	Araha.4751s0001.1	61.19	353	69	421	6.29E-131	TN	different
At_RPP7	NL	Aha	Araha.10133s0001.1	61.818	330	1	329	2.72E-132	NBS	different
At_RLM1b	TNL	Aha	Araha.30867s0001.1	61.69	355	1	355	7.00E-153	TN	different
At_RLP23	LRR-RLP	Aha	Araha.5796s0001.1	76.898	303	588	890	9.42E-155	LRR-RLP	same
Bju_WRR1	CNL	Aha	Araha.20058s0003.1	64.402	368	66	427	3.52E-156	NBS	different
At_NGR1b	RNL	Aha	Araha.11408s0002.1	62.35	417	406	815	3.05E-157	NL	different
At_NGR1a	RNL	Aha	Araha.11408s0002.1	65.942	414	404	809	1.86E-170	NL	different
At_RLM1a	TNL	Aha	Araha.30867s0001.1	67.787	357	1	357	2.65E-172	TN	different
At_SOBI1	LRR-RLK	Aha	Araha.3596s0002.1	95.327	642	1	641	0	LRR-RLK	same
At_RPS5	TNL	Aha	Araha.0650s0020.1	94.831	890	1	889	0	CNL	different
At_RPS4	TNL	Aha	Araha.1947s0003.1	94.084	1217	1	1217	0	TNL	same
At_RLP30	LRR-RLP	Aha	Araha.61250s0003.1	92.875	786	1	786	0	LRR-RLP	same
At_WRR12	TNL	Aha	Araha.15627s0017.1	92.718	1030	1	1030	0	TNL	same
At_RPS2	NL	Aha	Araha.4285s0004.1	92.426	911	1	909	0	NL	same
At_RPM1	NL	Aha	Araha.32978s0005.1	91.733	883	44	926	0	NL	same
At_RLP32	LRR-RLP	Aha	Araha.5514s0006.1	91.654	683	183	865	0	LRR-RLP	same
At_ADR1	NL	Aha	Araha.3012s0003.1	91.624	788	1	787	0	NL	same
At_FLS2	LRR-RLK	Aha	Araha.10139s0013.1	91.489	1175	1	1173	0	LRR-RLK	same
At_RPS5	TNL	Aha	Araha.0650s0020.3	91.011	890	1	889	0	CNL	different
At_RPS5	TNL	Aha	Araha.0650s0020.2	91.011	890	1	889	0	CNL	different
At_RLP1	LRR-RLP	Aha	Araha.23444s0004.1	90.278	1080	1	1077	0	LRR-RLP	same
At_RFO1	Other-RLK	Aha	Araha.29413s0005.1	89.687	766	1	751	0	Other-RLK	same
At_NGR1a	RNL	Aha	Araha.11408s0003.1	89.312	814	1	809	0	CNL	different
At_RRS1	TNL	Aha	Araha.1947s0004.1	88.444	1298	1	1286	0	TNL	same
At_BAK1	LRR-RLK	Aha	Araha.20697s0001.1	83.752	597	22	615	0	LRR-RLK	same
At_RLP42	LRR-RLP	Aha	Araha.7647s0001.1	83.418	591	291	880	0	LRR-RLP	same
At_RPP8	CNL	Aha	Araha.31961s0001.1	80.37	433	340	772	0	CNL	same
At_RFO3	Other-RLK	Aha	Araha.18229s0005.1	79.813	857	14	850	0	Other-RLK	same
At_RPP13	CNL	Aha	Araha.6729s0012.1	79.103	847	1	834	0	CNL	same
At_BAK1	LRR-RLK	Aha	Araha.24929s0001.1	78.986	414	23	376	0	LRR-RLK	same
At_RPP2b	TNL	Aha	Araha.8600s0002.2	78.821	831	381	1207	0	NL	different
At_RLP32	LRR-RLP	Aha	Araha.24867s0001.1	77.324	441	415	854	0	LRR-RLP	same
At_RLM1a	TNL	Aha	Araha.3236s0003.1	77.247	712	4	715	0	TNL	same
At_RPP2a	TNL	Aha	Araha.8600s0003.1	76.752	856	409	1257	0	TNL	same
At_WRR4a	TNL	Aha	Araha.30867s0001.1	76.554	354	1	353	0	TN	different
At_NGR1b	RNL	Aha	Araha.11408s0003.1	76.415	636	5	633	0	CNL	different
At_BAK1	LRR-RLK	Aha	Araha.5645s0001.1	75.929	619	9	615	0	LRR-RLK	same



At_RPP2b	TNL	Aha	Araha.8600s0002.1	75.495	1212	1	1207	0	TNL	same
At_RLM3	TN	Aha	Araha.16675s0001.1	74.327	483	159	605	0	NBS	different
At_WRR4b	TNL	Aha	Araha.30867s0001.1	74.221	353	3	355	0	TN	different
At_RFO2	LRR-RLP	Aha	Araha.2722s0007.1	72.849	744	6	749	0	LRR-RLP	same
At_RFO3	Other-RLK	Aha	Araha.11090s0001.1	72	725	134	850	0	Other-RLK	same
At_RPP8	CNL	Aha	Araha.11242s0013.2	71.944	720	193	908	0	NL	different
At_RLP23	LRR-RLP	Aha	Araha.7647s0001.1	71.215	601	290	890	0	LRR-RLP	same
At_RPP8	CNL	Aha	Araha.11242s0013.1	71.131	911	1	907	0	CNL	same
At_NGR1b	RNL	Aha	Araha.11408s0003.1	71.011	821	5	815	0	CNL	different
Bna_Rlm9/4/7	Other-RLK	Aha	Araha.15691s0004.1	70.274	804	1	794	0	Other-RLK	same
Bna_LepR3/Rlm2	LRR-RLP	Aha	Araha.24867s0001.1	69.248	452	502	948	0	LRR-RLP	same
At_RLM1b	TNL	Aha	Araha.15145s0001.1	69.194	844	66	901	0	TNL	same
Bna_Rlm9/4/7	Other-RLK	Aha	Araha.29413s0004.1	68.863	774	24	794	0	Other-RLK	same
At_RFO1	Other-RLK	Aha	Araha.1482s0001.1	68.62	529	210	733	0	Other-RLK	same
At_RPS4	TNL	Aha	Araha.2395s0003.2	68.189	635	198	821	0	NL	different
At_RLM1b	TNL	Aha	Araha.3236s0003.1	68.061	717	5	721	0	TNL	same
At_RLP1	LRR-RLP	Aha	Araha.23444s0005.1	66.954	1044	44	1077	0	LRR-RLP	same
At_RPP8	CNL	Aha	Araha.3152s0005.2	66.557	909	1	904	0	CNL	same
At_RPP8	CNL	Aha	Araha.3152s0005.1	66.557	909	1	904	0	CNL	same
At_NGR1a	RNL	Aha	Araha.11408s0003.1	66.553	589	1	573	0	CNL	different
Bna_Rlm9/4/7	Other-RLK	Aha	Araha.29413s0003.1	66.294	537	263	793	0	Other-RLK	same
At_RLP1	LRR-RLP	Aha	Araha.10536s0003.1	66.262	824	249	1065	0	LRR-RLP	same
At_RPS5	TNL	Aha	Araha.1122s0007.1	66.142	889	1	883	0	NL	different
At_RPP8	CNL	Aha	Araha.3450s0004.1	66.083	914	1	908	0	NL	different
At_RPP8	CNL	Aha	Araha.3450s0004.2	66.083	914	1	908	0	NL	different
At_RPS5	TNL	Aha	Araha.0650s0013.1	65.607	881	1	880	0	CNL	different
Bna_LepR3/Rlm2	LRR-RLP	Aha	Araha.34729s0003.1	65.586	956	1	949	0	LRR-RLP	same
At_RFO1	Other-RLK	Aha	Araha.53748s0001.1	65.546	476	232	704	0	Other-RLK	same
At_WRR4b	TNL	Aha	Araha.3236s0003.1	65.229	719	1	718	0	TNL	same
At_RPP7	NL	Aha	Araha.25006s0001.1	65.152	726	150	866	0	NL	same
At_RLP23	LRR-RLP	Aha	Araha.20926s0004.1	64.993	717	175	889	0	LRR-RLP	same
At_RLP32	LRR-RLP	Aha	Araha.12216s0001.1	64.892	883	29	850	0	LRR-RLP	same
At_RPS4	TNL	Aha	Araha.2395s0003.1	64.601	839	4	821	0	TNL	same
At_RFO1	Other-RLK	Aha	Araha.1482s0002.1	64.481	732	10	718	0	Other-RLK	same
At_RLP23	LRR-RLP	Aha	Araha.4280s0013.1	64.426	714	175	886	0	LRR-RLP	same
At_RPP7	NL	Aha	Araha.13235s0001.1	64.133	750	126	869	0	NL	same
At_RLM1a	TNL	Aha	Araha.12875s0001.1	64.036	1001	1	988	0	TNL	same
At_WRR9	NL	Aha	Araha.3236s0003.1	64.017	717	5	720	0	TNL	different
At_RLM1a	TNL	Aha	Araha.15145s0001.1	64.005	839	66	898	0	TNL	same
Bna_LepR3/Rlm2	LRR-RLP	Aha	Araha.5514s0006.1	63.942	685	275	950	0	LRR-RLP	same
At_RPP13	CNL	Aha	Araha.21372s0011.1	63.94	868	1	830	0	CNL	same
At_RPS5	TNL	Aha	Araha.0650s0021.1	63.636	891	1	885	0	CNL	different
At_RLP42	LRR-RLP	Aha	Araha.4280s0013.1	63.61	698	182	875	0	LRR-RLP	same
At_WRR8	TNL	Aha	Araha.28366s0002.1	63.425	1203	20	1137	0	TNL	same
At_WRR9	NL	Aha	Araha.0550s0005.1	63.352	1086	16	1095	0	TNL	different
At_RLM1b	TNL	Aha	Araha.0550s0005.1	63.284	1005	10	997	0	TNL	same
At_RPP8	CNL	Aha	Araha.20058s0003.1	63.274	452	66	516	0	NBS	different
At_RLM1a	TNL	Aha	Araha.34654s0002.1	62.791	817	187	997	0	NL	different
At_RLP30	LRR-RLP	Aha	Araha.5378s0001.1	62.768	513	276	786	0	LRR-RLP	same
At_WRR8	TNL	Aha	Araha.8200s0005.1	62.737	738	17	745	0	TNL	same
At_RAC1	TNL	Aha	Araha.28366s0002.1	62.727	1210	9	1156	0	TNL	same
Bna_Rlm9/4/7	Other-RLK	Aha	Araha.2578s0001.1	62.516	779	22	793	0	Other-RLK	same
At_RLP42	LRR-RLP	Aha	Araha.20926s0004.1	62.256	718	182	889	0	LRR-RLP	same
At_WRR12	TNL	Aha	Araha.16807s0001.1	61.858	1012	18	1021	0	TNL	same
At_RLP30	LRR-RLP	Aha	Araha.12235s0001.1	61.779	798	1	779	0	LRR-RLP	same
At_WRR8	TNL	Aha	Araha.5427s0001.1	61.722	755	12	757	0	TNL	same
At_RAC1	TNL	Aha	Araha.8200s0005.1	61.673	741	6	735	0	TNL	same
At_RLP32	LRR-RLP	Aha	Araha.34729s0003.1	61.255	924	1	854	0	LRR-RLP	same
At_RAC1	TNL	Aha	Araha.5427s0001.1	61.141	754	1	747	0	TNL	same
At_RLM1a	TNL	Aha	Araha.15917s0002.1	60.965	912	5	914	0	TNL	same
At_RLM1b	TNL	Aha	Araha.12875s0001.1	60.905	995	1	979	0	TNL	same
At_RLP30	LRR-RLP	Aha	Araha.28473s0001.1	60.653	521	255	774	0	LRR-RLP	same
At_WRR9	NL	Aha	Araha.15145s0001.1	60.373	858	71	920	0	TNL	different
Bju_WRR1	CNL	Aha	Araha.11242s0013.2	60.362	719	188	900	0	NL	different
Bju_WRR1	CNL	Aha	Araha.11242s0013.1	60.044	911	1	900	0	CNL	same
At_RPP7	NL	Aha	Araha.44858s0001.1	60.035	568	112	677	0	NL	same
At_RPP1	TNL	Aly	AL2G28690.t1	62.581	155	98	252	2.31E-58	TX	different
Bra_Crr1a	TNL	Aly	AL2G28690.t1	73.718	156	69	224	6.49E-71	TX	different
At_RPP1	TNL	Aly	AL4G22240.t1	61.751	217	89	305	1.16E-79	TNL	same
At_RLM1b	TNL	Aly	AL4G22240.t1	64.423	208	13	220	1.55E-80	TNL	same
At_WRR9	NL	Aly	AL1G66180.t1	60.776	232	168	398	7.05E-81	NL	same
At_RLM1b	TNL	Aly	AL2G11220.t1	73.404	188	1	188	3.01E-83	TNL	same
At_RPP1	TNL	Aly	AL786U10010.t1	63.959	197	312	508	2.03E-83	NBS	different
At_WRR4a	TNL	Aly	AL2G11220.t1	73.404	188	9	196	3.96E-87	TNL	same
At_RLM1b	TNL	Aly	AL7G41850.t1	63.137	255	76	329	5.15E-88	Other-NLR	different
At_WRR4b	TNL	Aly	AL7G41850.t1	64.706	255	77	329	1.11E-89	Other-NLR	different
At_RLM1b	TNL	Aly	AL1G66180.t1	60.643	249	147	395	1.15E-90	NL	different
At_RLM1a	TNL	Aly	AL7G41850.t1	65.098	255	76	329	7.78E-91	Other-NLR	different
At_RLM1a	TNL	Aly	AL1G66180.t1	63.948	233	162	394	5.96E-91	NL	different
At_RLP30	LRR-RLP	Aly	AL4G14280.t1	70.936	203	585	786	2.68E-92	LRR-RLP	same
At_WRR4b	TNL	Aly	AL2G11220.t1	83.146	178	11	188	3.78E-95	TNL	same
At_WRR4a	TNL	Aly	AL1G66180.t1	62.595	262	150	408	3.18E-97	NL	different
At_RLM1a	TNL	Aly	AL2G11220.t1	84.574	188	1	188	2.71E-97	TNL	same
At_RRS1	TNL	Aly	AL8G13710.t1	64	275	896	1169	2.88E-103	TX	different
At_RPP8	CNL	Aly	AL625U10020.t1	73.894	226	1	226	4.82E-107	CN	different
At_WRR4b	TNL	Aly	AL1G66180.t1	71.315	251	163	410	1.06E-109	NL	different



At_RPP1	TNL	Aly	AL20U10050.t1	65.568	273	96	368	5.36E-116	TNL	same
At_RAC1	TNL	Aly	AL8G18480.t1	65.033	306	12	314	1.99E-116	TN	different
At_RPS4	TNL	Aly	AL8G13590.t1	94.527	201	1	201	1.36E-117	Other-NLR	different
At_WRR8	TNL	Aly	AL8G18480.t1	64.262	305	23	324	6.97E-120	TN	different
At_RFO3	Other-RLK	Aly	AL3G28680.t1	83.478	230	19	238	1.51E-123	Other-RLK	same
Bra_cRa/cRb	TNL	Aly	AL20U10050.t1	61.095	347	1	345	1.03E-124	TNL	same
Bra_Crr1a	TNL	Aly	AL20U10050.t1	72.161	273	68	340	9.86E-128	TNL	same
At_WRR4a	TNL	Aly	AL2G23700.t1	60.302	398	43	436	5.52E-147	TN	different
At_RAC1	TNL	Aly	AL8G11900.t1	61.253	431	3	430	1.09E-147	Other-NLR	different
At_RLM1b	TNL	Aly	AL2G23700.t1	64.722	360	44	401	2.61E-148	TN	different
At_WRR8	TNL	Aly	AL8G11900.t1	60.93	430	14	438	2.14E-151	Other-NLR	different
At_RPP7	NL	Aly	AL1G65650.t1	65.698	344	1	343	9.08E-153	NBS	different
At_RLM1a	TNL	Aly	AL1G65640.t1	62.67	442	1	440	8.09E-163	TNL	same
Bra_Crr1a	TNL	Aly	AL5G16480.t1	61.675	394	67	460	3.66E-166	TN	different
At_RPP2a	TNL	Aly	AL7G37760.t1	64.286	406	9	414	1.31E-168	Other-NLR	different
At_NGR1b	RNL	Aly	AL8G44510.t1	63.549	417	406	815	4.32E-170	NL	different
Bra_cRa/cRb	TNL	Aly	AL7G14900.t1	63.326	439	65	503	1.26E-174	TNL	same
At_WRR4b	TNL	Aly	AL2G23700.t1	67.254	397	45	439	5.35E-175	TN	different
At_BAK1	LRR-RLK	Aly	AL7G18140.t1	99.35	615	1	615	0	LRR-RLK	same
At_RPS5	TNL	Aly	AL1G23500.t1	95.52	692	122	812	0	NL	different
At_SOBR1	LRR-RLK	Aly	AL4G27170.t1	94.548	642	1	641	0	LRR-RLK	same
At_RPS2	NL	Aly	AL7G26890.t1	92.865	911	1	909	0	NL	same
At_RLP30	LRR-RLP	Aly	AL3G15860.t1	92.494	786	1	786	0	LRR-RLP	same
At_ADR1	NL	Aly	AL1G47950.t1	92.259	788	1	787	0	NL	same
At_RLP1	LRR-RLP	Aly	AL1G17550.t1	91.736	1077	1	1077	0	LRR-RLP	same
At_RPM1	NL	Aly	AL3G18260.t1	91.037	926	1	926	0	NL	same
At_NGR1a	RNL	Aly	AL8G44500.t1	89.312	814	1	809	0	CNL	different
At_RRS1	TNL	Aly	AL8G13580.t1	87.318	1238	1	1228	0	TNL	same
At_RPS4	TNL	Aly	AL8G13590.t1	86.268	619	284	902	0	Other-NLR	different
At_FLS2	LRR-RLK	Aly	AL8G12090.t1	85.532	1175	1	1173	0	LRR-RLK	same
At_WRR4b	TNL	Aly	AL1G66350.t2	85.271	774	11	764	0	TNL	same
At_RPP8	CNL	Aly	AL293U10010.t1	85.201	473	1	473	0	CN	different
At_WRR12	TNL	Aly	AL1G29920.t1	85.181	992	1	992	0	TNL	same
At_RPP8	CNL	Aly	AL43U10010.t1	84.052	696	1	696	0	CNL	same
At_RLP42	LRR-RLP	Aly	AL3G40650.t1	83.565	864	18	880	0	LRR-RLP	same
At_RFO1	Other-RLK	Aly	AL2G40360.t1	83.438	477	230	705	0	Other-RLK	same
At_WRR4b	TNL	Aly	AL1G66350.t1	82.558	774	11	764	0	TNL	same
At_BAK1	LRR-RLK	Aly	AL3G45570.t1	82.392	602	17	615	0	LRR-RLK	same
At_RLP32	LRR-RLP	Aly	AL3G16300.t1	79.299	628	1	625	0	LRR-RLP	same
At_RPP8	CNL	Aly	AL8G21640.t1	78.611	907	1	907	0	CNL	same
At_RLP42	LRR-RLP	Aly	AL3G40730.t1	78.523	880	1	879	0	LRR-RLP	same
At_WRR8	TNL	Aly	AL8G12190.t1	78.343	1159	12	1139	0	TNL	same
At_BAK1	LRR-RLK	Aly	AL2G31410.t1	77.424	629	1	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Aly	AL3G45640.t1	77.393	606	10	615	0	LRR-RLK	same
At_RPP2b	TNL	Aly	AL7G34610.t1	76.073	1212	1	1207	0	TNL	same
At_RPP4	TNL	Aly	AL7G37760.t1	75.896	1116	1	1115	0	Other-NLR	different
At_BAK1	LRR-RLK	Aly	AL1G48710.t1	75.654	612	16	615	0	LRR-RLK	same
At_RFO3	Other-RLK	Aly	AL3G28680.t1	74.806	516	339	850	0	Other-RLK	same
At_RPP5	TNL	Aly	AL7G37760.t1	74.673	1070	10	1075	0	Other-NLR	different
At_RAC1	TNL	Aly	AL8G12190.t1	74.144	1168	1	1156	0	TNL	same
At_RPP2a	TNL	Aly	AL2G17260.t1	73.732	769	533	1300	0	TNL	same
Bna_Rlm9/4/7	Other-RLK	Aly	AL3G52440.t1	72.587	777	24	793	0	Other-RLK	same
Bna_Rlm9/4/7	Other-RLK	Aly	AL3G52410.t1	72.587	777	24	793	0	Other-RLK	same
At_WRR8	TNL	Aly	AL8G11920.t1	72.333	1153	12	1136	0	TNL	same
At_RPP2a	TNL	Aly	AL7G34620.t1	71.899	911	409	1299	0	TNL	same
At_RLP23	LRR-RLP	Aly	AL4G16860.t1	71.689	876	17	888	0	LRR-RLP	same
At_NGR1b	RNL	Aly	AL8G44500.t1	71.62	821	5	815	0	CNL	different
At_RRS1	TNL	Aly	AL8G13740.t1	71.246	1019	1	1005	0	TNL	same
At_RPP8	CNL	Aly	AL1G61840.t2	71.116	914	1	908	0	CNL	same
At_RPS4	TNL	Aly	AL8G13750.t1	71.085	1207	1	1192	0	TNL	same
At_RPP7	NL	Aly	AL2G17650.t1	71.034	870	1	866	0	NL	same
At_RFO2	LRR-RLP	Aly	AL1G29490.t1	70.963	737	4	740	0	LRR-RLP	same
At_RPP13	CNL	Aly	AL5G25700.t1	70.651	845	1	830	0	NL	different
At_RLM1a	TNL	Aly	AL3G49580.t1	70.523	994	4	991	0	TNL	same
At_RPP39	CNL	Aly	AL2G15160.t1	70.472	911	1	878	0	CNL	same
At_RLP42	LRR-RLP	Aly	AL4G16860.t1	70.208	866	18	876	0	LRR-RLP	same
At_RPP8	CNL	Aly	AL1G21900.t1	69.737	912	1	908	0	CNL	same
At_RAC1	TNL	Aly	AL8G11920.t1	69.633	1225	1	1160	0	TNL	same
At_RFO1	Other-RLK	Aly	AL1G28270.t1	69.558	588	115	694	0	Other-RLK	same
At_RLP23	LRR-RLP	Aly	AL3G40650.t1	69.143	875	17	890	0	LRR-RLP	same
At_RFO2	LRR-RLP	Aly	AL2G31980.t1	69.083	731	20	750	0	LRR-RLK	different
At_RRS1	TNL	Aly	AL8G13770.t1	68.985	532	8	536	0	NBS	different
At_NGR1b	RNL	Aly	AL8G44490.t1	68.675	747	64	806	0	NL	different
At_RPP1	TNL	Aly	AL1G67230.t1	68.41	459	94	551	0	TN	different
At_RPP8	CNL	Aly	AL1G61840.t1	68.162	914	1	908	0	CNL	same
At_RFO3	Other-RLK	Aly	AL2G26120.t1	68.054	817	23	823	0	Other-RLK	same
At_RLP32	LRR-RLP	Aly	AL3G22620.t2	67.807	497	360	854	0	LRR-RLP	same
At_WRR8	TNL	Aly	AL8G11950.t1	67.681	526	16	535	0	TN	different
At_RLM1b	TNL	Aly	AL2G11260.t1	67.659	1008	1	997	0	Other-NLR	different
Bna_Rlm9/4/7	Other-RLK	Aly	AL2G40380.t1	67.253	455	263	709	0	Other-RLK	same
At_RAC1	TNL	Aly	AL8G11950.t1	67.17	530	1	523	0	TN	different
At_RPP13	CNL	Aly	AL5G25710.t1	67.012	773	1	743	0	CNL	same
At_RPS4	TNL	Aly	AL8G13700.t1	66.838	1164	7	1165	0	Other-NLR	different
At_NGR1a	RNL	Aly	AL8G44510.t1	66.667	414	404	809	0	NL	different
At_WRR4a	TNL	Aly	AL1G66350.t2	66.372	791	1	770	0	TNL	same
At_RLP1	LRR-RLP	Aly	AL1G17540.t2	66.208	1089	1	1077	0	LRR-RLP	same

At_RFO1	Other-RLK	Aly	AL1G28270.t1	66.141	697	27	704	0	Other-RLK	same
At_RPS5	TNL	Aly	AL1G23480.t1	66.105	891	1	885	0	CNL	different
At_RLP1	LRR-RLP	Aly	AL1G17310.t1	66.019	824	249	1065	0	LRR-RLP	same
At_RPS4	TNL	Aly	AL8G14360.t1	65.998	1147	11	1133	0	TNL	same
At_RLP1	LRR-RLP	Aly	AL1G17540.t1	65.932	1089	1	1077	0	LRR-RLP	same
At_RLP23	LRR-RLP	Aly	AL4G28610.t1	65.915	710	184	888	0	LRR-RLP	same
Bna_Rlm9/4/7	Other-RLK	Aly	AL2G28900.t1	65.863	788	28	794	0	Other-RLK	same
Bju_WRR1	CNL	Aly	AL293U10010.t1	65.828	477	1	469	0	CN	different
Bra_Crr1a	TNL	Aly	AL1G67230.t1	65.795	459	66	524	0	TN	different
Bra_Crr1a	TNL	Aly	AL7G31750.t1	65.714	525	66	590	0	TN	different
At_RLP23	LRR-RLP	Aly	AL3G40730.t1	65.657	891	1	890	0	LRR-RLP	same
At_RRS1	TNL	Aly	AL8G14320.t1	65.559	752	6	704	0	TNL	same
At_RLM1b	TNL	Aly	AL2G11240.t1	65.554	1019	1	1004	0	TNL	same
At_RPP8	CNL	Aly	AL7G39090.t1	65.265	904	1	899	0	CNL	same
At_RPS4	TNL	Aly	AL8G14240.t1	65.259	1160	4	1139	0	TNL	same
At_RFO1	Other-RLK	Aly	AL1G28280.t1	65.132	760	6	751	0	Other-RLK	same
At_RLP23	LRR-RLP	Aly	AL4G28600.t1	64.854	717	175	889	0	LRR-RLP	same
At_RFO1	Other-RLK	Aly	AL1G28290.t1	64.674	736	19	738	0	Other-RLK	same
At_RPP7	NL	Aly	AL2G17830.t1	64.612	876	1	866	0	NL	same
At_WRR4a	TNL	Aly	AL1G66350.t1	64.475	791	1	770	0	TNL	same
At_WRR4b	TNL	Aly	AL1G66260.t1	64.158	1063	1	1058	0	TNL	same
At_RLP32	LRR-RLP	Aly	AL3G16310.t1	64.129	867	28	868	0	LRR-RLP	same
Bra_Crr1a	TNL	Aly	AL8G17970.t1	64.085	749	68	807	0	TNL	same
At_RLM1a	TNL	Aly	AL2G14410.t1	63.964	999	5	997	0	TNL	same
Bna_Rlm9/4/7	Other-RLK	Aly	AL2G40360.t1	63.915	424	325	737	0	Other-RLK	same
At_RPS4	TNL	Aly	AL8G13790.t1	63.879	1160	7	1151	0	TNL	same
At_RLP42	LRR-RLP	Aly	AL4G28610.t1	63.585	714	184	889	0	LRR-RLP	same
At_RPP1	TNL	Aly	AL4G22780.t1	63.333	450	93	542	0	TN	different
At_RRS1	TNL	Aly	AL8G13620.t1	63.286	1272	11	1169	0	NL	different
Bju_WRR1	CNL	Aly	AL1G61840.t2	63.256	909	1	900	0	CNL	same
At_RPS5	TNL	Aly	AL7G41510.t1	63.105	889	1	883	0	CNL	different
At_RLP32	LRR-RLP	Aly	AL3G46870.t1	62.899	752	110	845	0	LRR-RLP	same
Bra_Crr1a	TNL	Aly	AL7G14900.t1	62.869	474	57	530	0	TNL	same
Bra_Crr1a	TNL	Aly	AL4G22780.t1	62.857	455	64	518	0	TN	different
Bju_WRR1	CNL	Aly	AL43U10010.t1	62.837	705	1	695	0	CNL	same
At_WRR4a	TNL	Aly	AL1G66260.t1	62.563	999	1	998	0	TNL	same
At_RPS5	TNL	Aly	AL1G23590.t1	62.543	881	1	880	0	CNL	different
At_RLP42	LRR-RLP	Aly	AL4G28600.t1	62.535	718	182	889	0	LRR-RLP	same
At_ADR1	NL	Aly	AL6G14380.t1	62.408	814	6	787	0	NL	same
At_RPP7	NL	Aly	AL2G17810.t1	62.372	877	1	869	0	NL	same
At_RLP42	LRR-RLP	Aly	AL7G37050.t1	62.212	868	18	876	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Aly	AL3G16310.t1	61.783	785	176	950	0	LRR-RLP	same
At_RLM1a	TNL	Aly	AL1G66330.t1	61.705	833	10	839	0	TNL	same
At_RLM1a	TNL	Aly	AL1G66350.t2	61.32	773	10	759	0	TNL	same
At_RLM1a	TNL	Aly	AL2G11240.t1	61.184	997	3	986	0	TNL	same
Bna_LepR3/Rlm2	LRR-RLP	Aly	AL3G22620.t2	61.1	509	442	948	0	LRR-RLP	same
Bju_WRR1	CNL	Aly	AL1G61840.t1	60.946	909	1	900	0	CNL	same
At_NGR1a	RNL	Aly	AL8G44490.t1	60.858	746	68	800	0	NL	different
At_RRS1	TNL	Aly	AL8G14230.t1	60.766	1305	8	1288	0	NL	different
At_RLM1b	TNL	Aly	AL3G49580.t1	60.685	992	5	985	0	TNL	same
Bra_cRa/cRb	TNL	Aly	AL1G67230.t1	60.667	450	73	522	0	TN	different
At_RPP7	NL	Aly	AL1G65670.t1	60.64	531	349	866	0	NL	same
At_RLP23	LRR-RLP	Aly	AL7G37050.t1	60.523	879	10	887	0	LRR-RLP	same
At_WRR12	TNL	Aly	AL7G49910.t1	60.419	907	12	915	0	TNL	same
At_WRR8	TNL	Aly	AL2G19370.t1	60.218	734	19	745	0	TNL	same
At_RLM1a	TNL	Aly	AL2G11260.t1	60.18	1002	1	997	0	Other-NLR	different
Bna_Rlm9/4/7	Other-RLK	Bvu	maker-Contig382-snap-gene-0.50-mRNA-1	70.886	158	567	724	6.86E-59	Other-RLK	same
At_RFO1	Other-RLK	Bvu	maker-Contig382-snap-gene-0.50-mRNA-1	73.856	153	534	686	8.02E-64	Other-RLK	same
At_WRR8	TNL	Bvu	maker-Contig2985-snap-gene-0.2-mRNA-1	63.333	210	275	482	4.54E-66	Other-NLR	different
At_RLP1	LRR-RLP	Bvu	snap_masked-Contig7566-processed-gene-0.0-mRNA-1	68.263	167	898	1064	3.05E-69	LRR-RLP	same
At_WRR9	NL	Bvu	maker-Contig97-snap-gene-0.50-mRNA-1	61.058	208	17	224	2.70E-73	TNL	different
At_RFO3	Other-RLK	Bvu	maker-Contig412-snap-gene-0.33-mRNA-1	63.243	185	515	699	3.77E-77	Other-RLK	same
At_RPP1	TNL	Bvu	maker-Contig97-snap-gene-0.50-mRNA-1	61.538	208	97	304	2.04E-77	TNL	same
At_RLM1b	TNL	Bvu	maker-Contig97-snap-gene-0.50-mRNA-1	65.7	207	13	219	1.18E-79	TNL	same
At_WRR4a	TNL	Bvu	maker-Contig97-snap-gene-0.50-mRNA-1	63.084	214	12	225	6.74E-80	TNL	same
At_RPP8	CNL	Bvu	snap_masked-Contig685-processed-gene-0.6-mRNA-1	67.308	208	71	278	8.61E-86	NBS	different
At_WRR4b	TNL	Bvu	maker-Contig97-snap-gene-0.50-mRNA-1	64.706	221	14	234	9.48E-87	TNL	same
At_RLM1a	TNL	Bvu	maker-Contig97-snap-gene-0.50-mRNA-1	61.506	239	13	251	5.95E-88	TNL	same
Bra_Crr1a	TNL	Bvu	maker-Contig907-snap-gene-0.24-mRNA-1	64.655	232	40	271	4.09E-88	TX	different
At_RLP1	LRR-RLP	Bvu	maker-Contig188-snap-gene-0.8-mRNA-1	61.798	267	809	1071	4.07E-93	LRR-RLP	same
At_RPP1	TNL	Bvu	maker-Contig907-snap-gene-0.24-mRNA-1	69.369	222	78	299	8.71E-97	TX	different
Bju_WRR1	CNL	Bvu	snap_masked-Contig3090-processed-gene-0.4-mRNA-1	65.587	247	12	253	1.01E-101	CN	different
At_RPP8	CNL	Bvu	maker-Contig6075-snap-gene-0.2-mRNA-1	72.065	247	662	908	4.41E-102	CNL	same
At_RLM3	TN	Bvu	maker-Contig989-snap-gene-0.30-mRNA-1	65.351	228	9	235	2.02E-102	TX	different
At_WRR4a	TNL	Bvu	maker-Contig1030-snap-gene-0.15-mRNA-1	64.662	266	1	266	6.76E-103	TX	different
At_RPP4	TNL	Bvu	maker-Contig989-snap-gene-0.30-mRNA-1	69.697	231	11	240	1.12E-107	TX	different
At_RPP2a	TNL	Bvu	maker-Contig989-snap-gene-0.30-mRNA-1	70	230	9	237	1.04E-109	TX	different
At_RPP5	TNL	Bvu	maker-Contig989-snap-gene-0.30-mRNA-1	71.368	234	10	242	6.44E-110	TX	different
At_RLM1b	TNL	Bvu	maker-Contig1030-snap-gene-0.15-mRNA-1	67.857	252	16	267	6.30E-110	TX	different
At_RLM1a	TNL	Bvu	maker-Contig1030-snap-gene-0.15-mRNA-1	68.539	267	1	267	4.20E-115	TX	different
At_WRR4b	TNL	Bvu	maker-Contig1030-snap-gene-0.15-mRNA-1	68.657	268	1	268	4.07E-116	TX	different
At_RLP1	LRR-RLP	Bvu	maker-Contig173-snap-gene-0.36-mRNA-1	67.681	263	809	1071	4.64E-118	LRR-RLP	same
Bra_Crr1a	TNL	Bvu	maker-Contig6921-snap-gene-0.4-mRNA-1	64.516	279	93	371	5.50E-121	TN	different
Bol_FocBo1	TNL	Bvu	maker-Contig989-snap-gene-0.30-mRNA-1	74.236	229	9	237	7.55E-122	TX	different
At_RPP8	CNL	Bvu	snap_masked-Contig3090-processed-gene-0.4-mRNA-1	77.778	252	12	259	9.86E-131	CN	different
At_RPP4	TNL	Bvu	maker-Contig989-snap-gene-0.34-mRNA-1	60.959	438	676	1106	2.31E-142	NL	different

At_RPP4	TNL	Bvu	maker-Contig989-snap-gene-0.32-mRNA-1	61.017	413	688	1092	4.11E-144	TNL	same
At_RPP1	TNL	Bvu	maker-Contig6921-snap-gene-0.4-mRNA-1	74.912	283	118	400	1.90E-145	TN	different
At_WRR8	TNL	Bvu	maker-Contig6657-snap-gene-0.5-mRNA-1	62.57	358	14	354	3.25E-149	TX	different
At_RAC1	TNL	Bvu	maker-Contig6657-snap-gene-0.5-mRNA-1	63.966	358	3	344	3.44E-150	TX	different
At_RPP1	TNL	Bvu	maker-Contig5799-snap-gene-0.3-mRNA-1	61.787	403	96	490	9.28E-157	TN	different
At_RLM1a	TNL	Bvu	maker-Contig178-snap-gene-0.36-mRNA-1	62.085	422	14	433	5.58E-158	Other-NLR	different
At_RAC1	TNL	Bvu	maker-Contig1769-snap-gene-0.9-mRNA-1	61.353	414	330	735	8.49E-159	NL	different
Bra_Crr1a	TNL	Bvu	snap_masked-Contig414-processed-gene-0.17-mRNA-1	60.396	404	67	460	8.75E-160	TN	different
At_NGR1b	RNL	Bvu	maker-Contig374-snap-gene-0.22-mRNA-1	61.259	413	406	812	5.63E-161	CNL	different
At_RLM3	TN	Bvu	maker-Contig989-snap-gene-0.32-mRNA-1	61.374	422	9	422	7.97E-163	TNL	different
Bna_Rlm9/4/7	Other-RLK	Bvu	maker-Contig85-snap-gene-1.57-mRNA-1	69.274	358	381	737	4.21E-165	Other-RLK	same
At_RFO1	Other-RLK	Bvu	maker-Contig85-snap-gene-1.57-mRNA-1	64.416	385	348	731	7.31E-167	Other-RLK	same
At_RPP1	TNL	Bvu	maker-Contig900-snap-gene-0.15-mRNA-1	64.097	454	715	1163	1.67E-168	NL	different
At_RPP2a	TNL	Bvu	maker-Contig715-snap-gene-0.36-mRNA-1	66.422	408	7	414	2.21E-171	TNL	same
At_RPP7	NL	Bvu	snap_masked-Contig2505-processed-gene-0.2-mRNA-1	60.68	412	1	409	1.69E-171	NBS	different
At_WRR8	TNL	Bvu	maker-Contig1769-snap-gene-0.9-mRNA-1	63.835	412	340	745	7.42E-172	NL	different
At_NGR1a	RNL	Bvu	maker-Contig374-snap-gene-0.22-mRNA-1	64.563	412	404	808	3.24E-173	CNL	different
At_RPP1	TNL	Bvu	maker-Contig900-snap-gene-0.13-mRNA-1	64.086	465	701	1163	3.16E-173	TNL	same
Bra_Crr1a	TNL	Bvu	snap_masked-Contig196-processed-gene-0.21-mRNA-1	60.9	422	67	483	2.59E-173	TN	different
At_RFO1	Other-RLK	Bvu	maker-Contig264-snap-gene-0.42-mRNA-1	62.927	410	350	751	2.29E-174	Other-RLK	same
At_BAK1	LRR-RLK	Bvu	maker-Contig1644-snap-gene-0.13-mRNA-1	78.896	308	244	548	1.52E-175	Other-RLK	different
At_RPP2a	TNL	Bvu	maker-Contig989-snap-gene-0.32-mRNA-1	68.796	407	8	414	2.23E-176	TNL	same
At_RPP1	TNL	Bvu	snap_masked-Contig196-processed-gene-0.21-mRNA-1	60.706	425	94	513	2.38E-177	TN	different
At_SOBI1	LRR-RLK	Bvu	snap_masked-Contig942-processed-gene-0.20-mRNA-1	88.456	641	1	641	0	LRR-RLK	same
At_RPM1	NL	Bvu	snap_masked-Contig376-processed-gene-0.14-mRNA-1	85.006	887	1	881	0	NL	same
At_FLS2	LRR-RLK	Bvu	maker-Contig505-snap-gene-0.21-mRNA-1	83.029	1149	1	1145	0	LRR-RLK	same
At_RLP32	LRR-RLP	Bvu	maker-Contig428-snap-gene-1.46-mRNA-1	82.73	857	1	854	0	LRR-RLP	same
At_RFO1	Other-RLK	Bvu	maker-Contig110-snap-gene-1.49-mRNA-1	82.205	753	3	751	0	Other-RLK	same
Bna_Rlm9/4/7	Other-RLK	Bvu	maker-Contig2524-snap-gene-0.16-mRNA-1	79.526	464	344	794	0	Other-RLK	same
At_BAK1	LRR-RLK	Bvu	maker-Contig303-snap-gene-0.56-mRNA-1	79.208	606	24	615	0	LRR-RLK	same
At_ADR1	NL	Bvu	maker-Contig1214-snap-gene-0.17-mRNA-1	78.544	783	3	778	0	NL	same
At_BAK1	LRR-RLK	Bvu	maker-Contig1522-snap-gene-0.10-mRNA-1	77.521	605	23	615	0	LRR-RLK	same
At_RPP8	CNL	Bvu	maker-Contig4596-snap-gene-0.1-mRNA-1	76.54	422	1	420	0	CNL	same
At_RPP8	CNL	Bvu	maker-Contig5728-snap-gene-0.2-mRNA-1	76.371	474	1	470	0	CNL	same
At_RPS4	TNL	Bvu	maker-Contig58-snap-gene-0.53-mRNA-1	76.261	1209	1	1193	0	TNL	same
At_NGR1a	RNL	Bvu	maker-Contig374-snap-gene-0.21-mRNA-1	75.137	547	1	540	0	CNL	different
At_RPP2b	TNL	Bvu	maker-Contig287-snap-gene-0.45-mRNA-1	74.75	1200	1	1193	0	TNL	same
Bna_MPK9	Other-RLK	Bvu	maker-Contig903-snap-gene-0.16-mRNA-1	74.359	546	63	591	0	Other-RLK	same
At_RFO3	Other-RLK	Bvu	maker-Contig110-snap-gene-1.40-mRNA-1	74.327	892	1	849	0	Other-RLK	same
At_WRR4b	TNL	Bvu	maker-Contig544-snap-gene-0.19-mRNA-1	74.17	542	3	534	0	TN	different
At_RPP8	CNL	Bvu	maker-Contig183-snap-gene-1.35-mRNA-1	73.937	541	1	537	0	CNL	same
At_WRR8	TNL	Bvu	maker-Contig751-snap-gene-0.13-mRNA-1	73.714	525	14	534	0	TN	different
At_RFO3	Other-RLK	Bvu	maker-Contig3131-snap-gene-0.3-mRNA-1	73.624	872	1	850	0	Other-RLK	same
At_RPP8	CNL	Bvu	maker-Contig2028-snap-gene-0.12-mRNA-1	73.319	476	94	564	0	NBS	different
At_RPP8	CNL	Bvu	maker-Contig6075-snap-gene-0.2-mRNA-1	73.124	893	1	888	0	CNL	same
At_RPP8	CNL	Bvu	maker-Contig892-snap-gene-0.8-mRNA-1	72.846	917	1	905	0	CNL	same
At_RPP8	CNL	Bvu	maker-Contig5728-snap-gene-0.3-mRNA-1	72.005	818	1	812	0	CNL	same
At_RPP8	CNL	Bvu	maker-Contig3090-snap-gene-0.6-mRNA-1	71.927	659	250	908	0	NL	different
At_RFO2	LRR-RLP	Bvu	snap_masked-Contig635-processed-gene-0.0-mRNA-1	71.111	720	19	737	0	LRR-RLK	different
Bna_MPK9	Other-RLK	Bvu	maker-Contig60-snap-gene-0.75-mRNA-1	70.954	482	100	564	0	Other-RLK	same
At_RAC1	TNL	Bvu	maker-Contig751-snap-gene-0.13-mRNA-1	70.51	529	3	526	0	TN	different
At_RLP23	LRR-RLP	Bvu	snap_masked-Contig1356-processed-gene-0.11-mRNA-1	70.159	878	17	890	0	LRR-RLP	same
At_WRR4b	TNL	Bvu	maker-Contig2444-snap-gene-0.5-mRNA-1	70.095	943	165	1091	0	NL	different
At_RPP13	CNL	Bvu	snap_masked-Contig408-processed-gene-0.13-mRNA-1	70.035	861	1	830	0	CNL	same
At_WRR8	TNL	Bvu	maker-Contig753-snap-gene-0.34-mRNA-1	69.874	1112	11	1102	0	TNL	same
At_RLP32	LRR-RLP	Bvu	maker-Contig1906-snap-gene-0.12-mRNA-1	69.757	453	397	849	0	LRR-RLP	same
At_RPP39	CNL	Bvu	snap_masked-Contig5814-processed-gene-0.1-mRNA-1	69.618	576	305	866	0	NL	different
At_RPP39	CNL	Bvu	maker-Contig4589-snap-gene-0.4-mRNA-1	69.371	875	1	866	0	CNL	same
At_RPP8	CNL	Bvu	maker-Contig1104-snap-gene-0.53-mRNA-1	69.358	904	1	899	0	CNL	same
Bra_Crr1a	TNL	Bvu	maker-Contig848-snap-gene-0.13-mRNA-1	69.231	442	64	503	0	TN	different
At_WRR4a	TNL	Bvu	maker-Contig544-snap-gene-0.19-mRNA-1	68.877	543	1	531	0	TN	different
At_RLP32	LRR-RLP	Bvu	snap_masked-Contig2365-processed-gene-0.6-mRNA-1	68.63	883	1	854	0	LRR-RLP	same
At_RPP39	CNL	Bvu	maker-Contig2932-snap-gene-0.20-mRNA-1	68.514	848	1	840	0	CNL	same
Bna_Rlm9/4/7	Other-RLK	Bvu	maker-Contig110-snap-gene-1.49-mRNA-1	68.123	778	23	794	0	Other-RLK	same
Bna_LepR3/Rlm9	LRR-RLP	Bvu	maker-Contig1906-snap-gene-0.12-mRNA-1	68.067	476	474	944	0	LRR-RLP	same
At_WRR8	TNL	Bvu	maker-Contig57-snap-gene-0.46-mRNA-1	67.985	531	19	543	0	TN	different
At_RPP7	NL	Bvu	maker-Contig883-snap-gene-0.14-mRNA-1	67.643	683	190	866	0	NL	same
At_RLP32	LRR-RLP	Bvu	maker-Contig4970-snap-gene-0.6-mRNA-1	67.595	790	66	853	0	LRR-RLP	same
At_NGR1a	RNL	Bvu	maker-Contig374-snap-gene-0.21-mRNA-1	67.233	824	1	807	0	CNL	different
At_RRS1	TNL	Bvu	maker-Contig2674-snap-gene-0.6-mRNA-1	67.208	677	8	681	0	NL	different
At_RLP42	LRR-RLP	Bvu	snap_masked-Contig1356-processed-gene-0.11-mRNA-1	66.935	871	15	880	0	LRR-RLP	same
At_RAC1	TNL	Bvu	maker-Contig57-snap-gene-0.46-mRNA-1	66.792	533	9	534	0	TN	different
At_WRR8	TNL	Bvu	maker-Contig4851-snap-gene-0.8-mRNA-1	66.753	1155	12	1130	0	TNL	same
At_RPP7	NL	Bvu	snap_masked-Contig505-processed-gene-0.8-mRNA-1	66.744	866	6	866	0	NL	same
Bra_Crr1a	TNL	Bvu	maker-Contig934-snap-gene-0.4-mRNA-1	66.731	517	68	584	0	TN	different
At_RAC1	TNL	Bvu	maker-Contig753-snap-gene-0.34-mRNA-1	66.696	1135	1	1121	0	TNL	same
At_RPS4	TNL	Bvu	maker-Contig58-snap-gene-0.55-mRNA-1	66.695	1165	7	1165	0	TNL	same
At_RPS4	TNL	Bvu	maker-Contig2674-snap-gene-0.3-mRNA-1	66.608	1141	4	1137	0	TNL	same
Bju_WRR1	CNL	Bvu	maker-Contig183-snap-gene-1.35-mRNA-1	66.605	542	1	534	0	CNL	same
At_RPP39	CNL	Bvu	maker-Contig859-snap-gene-0.10-mRNA-1	66.364	880	1	870	0	CNL	same
At_RPS5	TNL	Bvu	snap_masked-Contig5921-processed-gene-0.3-mRNA-1	66.1	882	1	880	0	CNL	different
At_NGR1b	RNL	Bvu	maker-Contig374-snap-gene-0.21-mRNA-1	66.093	814	9	812	0	CNL	different
At_RAC1	TNL	Bvu	maker-Contig6855-snap-gene-0.3-mRNA-1	66.003	753	9	735	0	TNL	same
At_RLP1	LRR-RLP	Bvu	maker-Contig1473-snap-gene-0.20-mRNA-1	65.893	862	216	1071	0	LRR-RLP	same
At_RLM1b	TNL	Bvu	maker-Contig1716-snap-gene-0.17-mRNA-1	65.882	1020	1	992	0	TNL	same
At_WRR8	TNL	Bvu	maker-Contig6855-snap-gene-0.3-mRNA-1	65.796	766	20	755	0	TNL	same

At_RPP7	NL	Bvu	maker-Contig5064-snap-gene-0.1-mRNA-1	65.711	872	4	866	0	NL	same
At_RLM1b	TNL	Bvu	snap_masked-Contig3802-processed-gene-0.1-mRNA-1	65.396	971	33	972	0	TNL	same
At_RPS5	TNL	Bvu	maker-Contig5921-snap-gene-0.8-mRNA-1	65.389	887	1	881	0	CNL	different
At_RRS1	TNL	Bvu	maker-Contig58-snap-gene-0.67-mRNA-1	65.336	1177	8	1169	0	TNL	same
At_NGR1b	RNL	Bvu	maker-Contig374-snap-gene-0.21-mRNA-1	65.28	553	5	546	0	CNL	different
Bju_WRR1	CNL	Bvu	maker-Contig4596-snap-gene-0.1-mRNA-1	65.248	423	1	413	0	CNL	same
Bol_FocBo1	TNL	Bvu	maker-Contig715-snap-gene-0.36-mRNA-1	65.156	706	8	711	0	TNL	same
Bna_LepR3/Rlm2	LRR-RLP	Bvu	maker-Contig4970-snap-gene-0.6-mRNA-1	64.896	772	187	950	0	LRR-RLP	same
Bna_Rlm9/4/7	Other-RLK	Bvu	maker-Contig264-snap-gene-0.42-mRNA-1	64.414	444	359	793	0	Other-RLK	same
Bju_WRR1	CNL	Bvu	maker-Contig5728-snap-gene-0.2-mRNA-1	64.346	474	1	466	0	CNL	same
At_RAC1	TNL	Bvu	maker-Contig4851-snap-gene-0.8-mRNA-1	64.212	1168	1	1148	0	TNL	same
Bna_LepR3/Rlm2	LRR-RLP	Bvu	snap_masked-Contig2399-processed-gene-0.6-mRNA-1	64.062	960	1	948	0	LRR-RLP	same
Bra_Crr1a	TNL	Bvu	maker-Contig1103-snap-gene-0.17-mRNA-1	63.724	521	66	586	0	TN	different
Bol_FocBo1	TNL	Bvu	maker-Contig989-snap-gene-0.32-mRNA-1	63.425	905	6	907	0	TNL	same
At_RPS5	TNL	Bvu	maker-Contig3871-snap-gene-0.8-mRNA-1	63.33	889	1	883	0	NL	different
At_RPP4	TNL	Bvu	maker-Contig715-snap-gene-0.36-mRNA-1	63.22	677	12	682	0	TNL	same
Bra_Crr1a	TNL	Bvu	maker-Contig3153-snap-gene-0.3-mRNA-1	63.123	602	68	665	0	TNL	same
At_RPP5	TNL	Bvu	maker-Contig715-snap-gene-0.36-mRNA-1	62.857	700	8	695	0	TNL	same
At_RFO1	Other-RLK	Bvu	maker-Contig382-snap-gene-0.50-mRNA-1	62.781	755	7	751	0	Other-RLK	same
At_RLM1a	TNL	Bvu	maker-Contig544-snap-gene-0.19-mRNA-1	62.731	542	1	532	0	TN	different
At_RPS5	TNL	Bvu	snap_masked-Contig4004-processed-gene-0.1-mRNA-1	62.606	706	184	883	0	NL	different
At_WRR8	TNL	Bvu	maker-Contig180-snap-gene-0.47-mRNA-1	62.534	734	20	745	0	TNL	same
At_RLM1b	TNL	Bvu	maker-Contig1442-snap-gene-0.28-mRNA-1	62.515	851	159	1000	0	NL	different
At_RPP1	TNL	Bvu	maker-Contig900-snap-gene-0.13-mRNA-1	62.38	832	187	1001	0	TNL	same
At_RPP8	CNL	Bvu	maker-Contig6075-snap-gene-0.2-mRNA-1	62.375	598	1	583	0	CNL	same
At_PBS1	Other-RLK	Bvu	snap_masked-Contig159-processed-gene-0.39-mRNA-1	62.282	517	2	455	0	Other-RLK	same
Bju_WRR1	CNL	Bvu	maker-Contig1104-snap-gene-0.53-mRNA-1	62.266	909	1	900	0	CNL	same
At_RLP1	LRR-RLP	Bvu	maker-Contig3997-snap-gene-0.4-mRNA-1	62.172	838	249	1071	0	LRR-RLP	same
At_RLM1a	TNL	Bvu	maker-Contig605-snap-gene-0.26-mRNA-1	62.105	475	164	636	0	NL	different
At_RLM1a	TNL	Bvu	maker-Contig1716-snap-gene-0.17-mRNA-1	62.048	996	16	996	0	TNL	same
At_WRR4a	TNL	Bvu	maker-Contig2444-snap-gene-0.5-mRNA-1	61.91	848	163	1004	0	NL	different
At_WRR8	TNL	Bvu	maker-Contig761-snap-gene-0.17-mRNA-1	61.864	1159	12	1138	0	TNL	same
Bna_LepR3/Rlm2	LRR-RLP	Bvu	snap_masked-Contig2365-processed-gene-0.6-mRNA-1	61.673	801	159	950	0	LRR-RLP	same
At_WRR9	NL	Bvu	maker-Contig605-snap-gene-0.26-mRNA-1	61.555	463	168	627	0	NL	same
At_ADR1	NL	Bvu	maker-Contig522-snap-gene-0.41-mRNA-1	61.425	814	6	787	0	NL	same
Bna_Rlm9/4/7	Other-RLK	Bvu	maker-Contig1460-snap-gene-0.33-mRNA-1	61.423	731	22	738	0	Other-RLK	same
At_WRR8	TNL	Bvu	maker-Contig355-snap-gene-0.7-mRNA-1	61.392	790	337	1107	0	TNL	same
Bju_WRR1	CNL	Bvu	maker-Contig2028-snap-gene-0.12-mRNA-1	61.325	468	95	554	0	NBS	different
At_RAC1	TNL	Bvu	maker-Contig180-snap-gene-0.47-mRNA-1	61.277	736	9	735	0	TNL	same
At_WRR8	TNL	Bvu	maker-Contig6634-snap-gene-0.2-mRNA-1	61.234	859	19	864	0	TNL	same
At_RFO1	Other-RLK	Bvu	maker-Contig1460-snap-gene-0.33-mRNA-1	61.096	712	34	732	0	Other-RLK	same
At_RPP1	TNL	Bvu	maker-Contig900-snap-gene-0.15-mRNA-1	61.004	777	244	983	0	NL	different
Bju_WRR1	CNL	Bvu	maker-Contig6075-snap-gene-0.2-mRNA-1	60.987	892	1	885	0	CNL	same
At_RLM1b	TNL	Bvu	maker-Contig1718-snap-gene-0.2-mRNA-1	60.978	1043	1	1001	0	TNL	same
At_RAC1	TNL	Bvu	maker-Contig355-snap-gene-0.7-mRNA-1	60.924	801	327	1114	0	TNL	same
At_RLP30	LRR-RLP	Bvu	snap_masked-Contig1346-processed-gene-0.6-mRNA-1	60.914	788	2	786	0	LRR-RLP	same
At_RPP1	TNL	Bvu	maker-Contig934-snap-gene-0.4-mRNA-1	60.886	519	94	611	0	TN	different
At_RLM1b	TNL	Bvu	maker-Contig544-snap-gene-0.19-mRNA-1	60.878	547	1	537	0	TN	different
Bju_WRR1	CNL	Bvu	maker-Contig892-snap-gene-0.8-mRNA-1	60.765	915	1	898	0	CNL	same
At_RPP39	CNL	Bvu	snap_masked-Contig862-processed-gene-0.0-mRNA-1	60.701	542	305	837	0	NL	different
At_RLM1b	TNL	Bvu	maker-Contig605-snap-gene-0.26-mRNA-1	60.465	473	164	634	0	NL	different
At_WRR8	TNL	Bvu	maker-Contig7543-snap-gene-0.1-mRNA-1	60.36	666	225	885	0	NL	different
At_RLP32	LRR-RLP	Bvu	snap_masked-Contig2399-processed-gene-0.6-mRNA-1	60.216	925	1	854	0	LRR-RLP	same
At_RLP42	LRR-RLP	Bvu	snap_masked-Contig490-processed-gene-0.28-mRNA-1	60.085	704	182	880	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Bvu	maker-Contig2251-snap-gene-0.3-mRNA-1	60.062	974	1	944	0	LRR-RLP	same
At_RPP5	TNL	Bst	Bostr.9638s0056.1.p	66.443	149	10	158	1.13E-52	TNL	same
At_RPP4	TNL	Bst	Bostr.5342s0004.1.p	60.452	177	13	183	2.75E-55	Other-NLR	different
At_RPP5	TNL	Bst	Bostr.5342s0004.1.p	61.667	180	12	185	4.42E-56	Other-NLR	different
Bol_FocBo1	TNL	Bst	Bostr.5342s0004.1.p	61.798	178	10	181	2.83E-56	Other-NLR	different
At_RPP7	NL	Bst	Bostr.10040s0304.1.p	65.497	171	1	170	1.09E-61	NL	same
At_RPS5	TNL	Bst	Bostr.22157s0081.1.p	65.244	164	362	523	3.68E-64	NBS	different
At_RLP30	LRR-RLP	Bst	Bostr.15697s0391.1.p	62.371	194	570	760	8.02E-69	LRR-RLP	same
At_RPP7	NL	Bst	Bostr.10040s0329.1.p	61.856	194	90	280	4.64E-73	NBS	different
At_RPP7	NL	Bst	Bostr.10040s0305.1.p	64.629	229	1	228	3.17E-82	NL	same
Bju_WRR1	CNL	Bst	Bostr.14419s0022.1.p	60.079	253	1	251	3.28E-88	NL	different
At_RPP2b	TNL	Bst	Bostr.2983s0177.1.p	65.432	243	1	240	1.79E-89	TNL	same
Bra_Crr1a	TNL	Bst	Bostr.2983s0062.1.p	70.183	218	62	279	5.53E-92	TX	different
At_RLM1b	TNL	Bst	Bostr.29223s0118.1.p	73.214	224	1	224	5.12E-102	TX	different
At_RPP8	CNL	Bst	Bostr.14419s0022.1.p	69.141	256	1	256	1.55E-105	NL	different
At_RPP2a	TNL	Bst	Bostr.29223s0087.1.p	61.745	298	117	414	1.70E-113	TNL	same
At_WRR9	NL	Bst	Bostr.29223s0118.1.p	80.889	225	5	229	1.27E-114	TX	different
At_RLP30	LRR-RLP	Bst	Bostr.15697s0393.1.p	61.159	345	427	769	1.01E-119	LRR-RLP	same
At_RPS4	TNL	Bst	Bostr.18351s0043.1.p	60.59	373	211	572	1.28E-131	NBS	different
At_RPP2a	TNL	Bst	Bostr.2983s0178.1.p	68.868	318	533	849	4.02E-132	Other-NLR	different
At_WRR4a	TNL	Bst	Bostr.8169s0020.1.p	70.227	309	1	309	2.43E-138	TX	different
At_RPP1	TNL	Bst	Bostr.29514s0003.1.p	64.921	382	248	613	2.14E-150	Other-NLR	different
At_RPP2a	TNL	Bst	Bostr.29223s0077.1.p	63.636	352	10	361	2.18E-151	TN	different
At_RPP1	TNL	Bst	Bostr.2983s0062.1.p	75.316	316	1	305	9.25E-152	TX	different
At_RLM3	TN	Bst	Bostr.29223s0077.1.p	62.393	351	9	359	6.18E-154	TN	same
At_RPP2a	TNL	Bst	Bostr.29223s0076.1.p	65.228	417	1	414	3.66E-161	TNL	same
At_RPP2a	TNL	Bst	Bostr.29223s0089.1.p	63.547	406	10	414	5.48E-162	TNL	same
At_NGR1b	RNL	Bst	Bostr.0568s0113.1.p	62.56	414	406	815	3.79E-164	NL	different
At_RPP1	TNL	Bst	Bostr.7200s0011.1.p	60.816	490	693	1156	6.66E-166	Other-NLR	different
At_PBS1	Other-RLK	Bst	Bostr.25219s0162.1.p	68.966	319	71	381	1.71E-166	Other-RLK	same
At_RPP2a	TNL	Bst	Bostr.5342s0004.1.p	63.07	417	1	413	7.27E-167	Other-NLR	different
At_RPP2a	TNL	Bst	Bostr.29223s0095.1.p	65.025	406	10	414	1.70E-167	TNL	same

At_WRR4b	TNL	Bst	Bostr.8169s0020.1.p	81.029	311	4	314	1.01E-167	TX	different
At_RPP2a	TNL	Bst	Bostr.3148s0224.1.p	64.029	417	1	413	8.16E-168	Other-NLR	different
At_RPP2a	TNL	Bst	Bostr.29223s0069.1.p	65.459	414	1	414	1.69E-168	Other-NLR	different
At_RPP2a	TNL	Bst	Bostr.29223s0074.1.p	62.319	414	1	414	1.62E-169	TN	different
At_RPP2a	TNL	Bst	Bostr.29223s0096.1.p	65.111	407	10	414	1.22E-170	TNL	same
At_RPP8	CNL	Bst	Bostr.13671s0460.1.p	64.16	399	47	445	2.16E-172	NBS	different
At_RLM3	TN	Bst	Bostr.29223s0072.1.p	60.185	432	9	432	1.03E-172	Other-NLR	different
At_RPP2a	TNL	Bst	Bostr.29223s0100.1.p	64.976	414	1	414	7.00E-173	TNL	same
At_RPP2a	TNL	Bst	Bostr.29223s0080.1.p	65.217	414	1	414	6.82E-177	TNL	same
At_NGR1a	RNL	Bst	Bostr.0568s0113.1.p	66.423	411	404	809	1.39E-177	NL	different
At_RPP2a	TNL	Bst	Bostr.29223s0072.1.p	66.425	414	1	414	2.60E-178	Other-NLR	different
At_BAK1	LRR-RLK	Bst	Bostr.7867s1189.1.p	99.187	615	1	615	0	LRR-RLK	same
At_FLS2	LRR-RLK	Bst	Bostr.8819s0170.1.p	89.505	1172	1	1170	0	LRR-RLK	same
At_SOBR1	LRR-RLK	Bst	Bostr.24513s0040.1.p	89.236	641	1	641	0	LRR-RLK	same
At_RPS2	NL	Bst	Bostr.7867s0427.1.p	87.239	909	1	909	0	CNL	different
At_RPS4	TNL	Bst	Bostr.25599s0001.2.p	85.528	919	34	952	0	TNL	same
At_RPS4	TNL	Bst	Bostr.25599s0001.1.p	84.643	1120	34	1144	0	TNL	same
At_BAK1	LRR-RLK	Bst	Bostr.13083s0025.1.p	82.391	619	1	615	0	LRR-RLK	same
At_RPP2b	TNL	Bst	Bostr.2983s0177.1.p	80.858	606	589	1193	0	TNL	same
At_BAK1	LRR-RLK	Bst	Bostr.10273s0172.1.p	79.504	605	24	615	0	LRR-RLK	same
At_WRR4b	TNL	Bst	Bostr.8169s0027.2.p	79.266	1090	1	1076	0	TNL	same
At_WRR4b	TNL	Bst	Bostr.8169s0027.1.p	79.266	1090	1	1076	0	TNL	same
At_WRR8	TNL	Bst	Bostr.28243s0020.1.p	78.933	356	12	367	0	TNL	same
At_RPP2a	TNL	Bst	Bostr.30275s0429.1.p	78.813	859	409	1257	0	TNL	same
At_RFO3	Other-RLK	Bst	Bostr.28625s0088.1.p	77.586	870	1	850	0	Other-RLK	same
At_BAK1	LRR-RLK	Bst	Bostr.1040s0048.1.p	76.414	619	9	615	0	LRR-RLK	same
At_RPP1	TNL	Bst	Bostr.29514s0003.1.p	75.41	427	67	493	0	Other-NLR	different
At_WRR9	NL	Bst	Bostr.29223s0183.2.p	75.16	624	5	627	0	TNL	different
At_RLM1b	TNL	Bst	Bostr.29223s0183.2.p	74.96	627	1	626	0	TNL	same
At_WRR4b	TNL	Bst	Bostr.30057s0091.3.p	74.648	710	5	713	0	TNL	same
At_WRR4b	TNL	Bst	Bostr.30057s0091.2.p	74.648	710	5	713	0	TNL	same
At_RLM1b	TNL	Bst	Bostr.29223s0183.1.p	74.623	729	1	728	0	TNL	same
At_WRR9	NL	Bst	Bostr.29223s0183.1.p	74.242	726	5	729	0	TNL	different
At_WRR8	TNL	Bst	Bostr.4485s0004.1.p	74.232	586	12	593	0	TN	different
At_RAC1	TNL	Bst	Bostr.4485s0004.1.p	74.106	587	1	582	0	TN	different
At_WRR4a	TNL	Bst	Bostr.8169s0019.1.p	74.087	849	43	890	0	TNL	same
At_WRR4a	TNL	Bst	Bostr.30057s0091.3.p	74.085	710	3	711	0	TNL	same
At_WRR4a	TNL	Bst	Bostr.30057s0091.2.p	74.085	710	3	711	0	TNL	same
At_RPP39	CNL	Bst	Bostr.10040s0071.2.p	73.542	703	1	698	0	CNL	same
At_WRR4a	TNL	Bst	Bostr.30057s0091.1.p	73.453	889	3	890	0	TNL	same
At_RPP1	TNL	Bst	Bostr.26675s0373.1.p	73.188	414	96	508	0	Other-NLR	different
At_WRR9	NL	Bst	Bostr.29223s0198.2.p	73.161	734	5	733	0	TNL	different
At_WRR9	NL	Bst	Bostr.29223s0198.1.p	73.161	734	5	733	0	TNL	different
At_WRR4b	TNL	Bst	Bostr.8169s0028.1.p	72.748	433	1	433	0	TN	different
At_RAC1	TNL	Bst	Bostr.8819s0184.1.p	72.598	1197	1	1160	0	TNL	same
At_RPP8	CNL	Bst	Bostr.0556s0548.1.p	72.581	744	150	889	0	NL	different
At_RPP39	CNL	Bst	Bostr.10040s0071.1.p	72.562	882	1	870	0	CNL	same
At_WRR4b	TNL	Bst	Bostr.30057s0091.1.p	72.542	885	5	888	0	TNL	same
At_RPP39	CNL	Bst	Bostr.10040s0072.1.p	72.531	881	1	870	0	CNL	same
At_WRR4b	TNL	Bst	Bostr.8169s0018.1.p	72.41	946	159	1096	0	NL	different
At_RAC1	TNL	Bst	Bostr.4485s0002.1.p	72.339	1193	1	1156	0	TNL	same
At_RPP39	CNL	Bst	Bostr.10040s0075.1.p	72.336	882	1	870	0	CNL	same
At_RLM1b	TNL	Bst	Bostr.29223s0155.1.p	72.111	796	102	876	0	TNL	same
At_RPP8	CNL	Bst	Bostr.0124s0128.1.p	72.101	914	1	908	0	CNL	same
At_RPP39	CNL	Bst	Bostr.10040s0099.1.p	72.022	890	1	869	0	CNL	same
At_WRR4b	TNL	Bst	Bostr.8169s0019.1.p	71.986	846	45	888	0	TNL	same
At_RPP39	CNL	Bst	Bostr.10040s0079.1.p	71.919	844	42	874	0	CNL	same
At_RPM1	NL	Bst	Bostr.22252s0330.1.p	71.875	928	1	926	0	NL	same
At_WRR9	NL	Bst	Bostr.29223s0031.1.p	71.701	629	12	627	0	TNL	different
At_RPP39	CNL	Bst	Bostr.10040s0136.1.p	71.397	895	1	883	0	CNL	same
At_RFO2	LRR-RLP	Bst	Bostr.10273s0122.1.p	71.349	719	19	737	0	LRR-RLK	different
At_RAC1	TNL	Bst	Bostr.8819s0189.2.p	71.309	1192	1	1156	0	TNL	same
At_RAC1	TNL	Bst	Bostr.8819s0189.1.p	71.249	1193	1	1157	0	TNL	same
At_BAK1	LRR-RLK	Bst	Bostr.19424s1005.1.p	71.218	476	141	615	0	LRR-RLK	same
At_RLP1	LRR-RLP	Bst	Bostr.4704s0001.1.p	71.209	910	165	1071	0	LRR-RLP	same
At_RLM1b	TNL	Bst	Bostr.8169s0059.1.p	71.109	938	3	934	0	TNL	same
At_RPP39	CNL	Bst	Bostr.10040s0026.1.p	71.036	618	260	870	0	NL	different
At_RPP39	CNL	Bst	Bostr.10040s0027.1.p	70.828	737	145	870	0	NL	different
At_RAC1	TNL	Bst	Bostr.28243s0042.1.p	70.593	1197	1	1160	0	TNL	same
At_RLM1a	TNL	Bst	Bostr.29223s0208.1.p	70.588	425	11	433	0	TN	different
At_RPP39	CNL	Bst	Bostr.10040s0078.1.p	70.522	882	1	870	0	CNL	same
At_WRR8	TNL	Bst	Bostr.28243s0042.1.p	70.364	1181	12	1138	0	TNL	same
At_RPP7	NL	Bst	Bostr.10040s0328.1.p	70.308	714	1	708	0	NL	same
At_RLM1b	TNL	Bst	Bostr.29223s0162.1.p	70.215	1024	1	1012	0	TNL	same
At_RAC1	TNL	Bst	Bostr.13083s0042.1.p	70.139	1152	1	1139	0	TNL	same
At_WRR8	TNL	Bst	Bostr.4485s0017.1.p	70.079	1133	12	1131	0	TNL	same
At_WRR8	TNL	Bst	Bostr.8819s0189.2.p	70.059	1179	12	1138	0	TNL	same
At_WRR8	TNL	Bst	Bostr.8819s0189.1.p	70.059	1179	12	1138	0	TNL	same
At_WRR8	TNL	Bst	Bostr.13083s0042.1.p	69.991	1133	12	1122	0	TNL	same
At_RPP8	CNL	Bst	Bostr.0124s0128.2.p	69.869	687	227	908	0	NL	different
At_RLM1b	TNL	Bst	Bostr.29223s0114.1.p	69.804	1020	10	1013	0	TNL	same
At_RLM1b	TNL	Bst	Bostr.29223s0184.1.p	69.737	988	1	977	0	TNL	same
At_WRR8	TNL	Bst	Bostr.8819s0184.1.p	69.613	1188	12	1138	0	TNL	same
At_RAC1	TNL	Bst	Bostr.28243s0018.2.p	69.456	1195	1	1149	0	TNL	same
At_RAC1	TNL	Bst	Bostr.28243s0018.1.p	69.456	1195	1	1149	0	TNL	same
At_RAC1	TNL	Bst	Bostr.4485s0017.1.p	68.992	1161	1	1149	0	TNL	same

At_WRR4a	TNL	Bst	Bostr.8169s0021.1.p	68.835	1030	1	1004	0	TNL	same
Bna_Rlm9/4/7	Other-RLK	Bst	Bostr.26959s0385.1.p	68.822	696	100	794	0	Other-RLK	same
At_RLM1b	TNL	Bst	Bostr.29223s0151.1.p	68.574	1031	1	1014	0	TNL	same
At_WRR8	TNL	Bst	Bostr.28243s0018.2.p	68.52	1169	12	1131	0	TNL	same
At_WRR8	TNL	Bst	Bostr.28243s0018.1.p	68.52	1169	12	1131	0	TNL	same
At_RPP1	TNL	Bst	Bostr.0556s0745.1.p	68.421	1254	1	1163	0	Other-NLR	different
At_RAC1	TNL	Bst	Bostr.28243s0020.1.p	68.408	1168	1	1149	0	TNL	same
At_RLM1b	TNL	Bst	Bostr.29223s0029.1.p	68.379	1012	11	1009	0	TNL	same
At_NGR1a	RNL	Bst	Bostr.27102s0001.1.p	68.283	495	12	501	0	CN	different
At_RAC1	TNL	Bst	Bostr.28243s0043.2.p	68.209	1167	9	1156	0	TNL	same
At_RAC1	TNL	Bst	Bostr.28243s0043.1.p	68.209	1167	9	1156	0	TNL	same
Bna_Rlm9/4/7	Other-RLK	Bst	Bostr.10273s0393.1.p	68.204	802	22	794	0	Other-RLK	same
At_WRR8	TNL	Bst	Bostr.28243s0020.1.p	68.163	735	420	1131	0	TNL	same
At_WRR4a	TNL	Bst	Bostr.12938s0002.1.p	68.116	897	102	996	0	TNL	same
At_RAC1	TNL	Bst	Bostr.28243s0018.3.p	68.095	1050	146	1149	0	NL	different
At_RAC1	TNL	Bst	Bostr.28243s0018.4.p	68.095	1050	146	1149	0	NL	different
At_WRR4a	TNL	Bst	Bostr.8169s0030.1.p	67.925	424	325	747	0	TNL	same
At_RRS1	TNL	Bst	Bostr.29514s0001.2.p	67.869	1220	1	1190	0	TNL	same
At_RLM1b	TNL	Bst	Bostr.29223s0160.1.p	67.682	1018	1	1009	0	TNL	same
At_WRR8	TNL	Bst	Bostr.28243s0043.2.p	67.509	1148	19	1138	0	TNL	same
At_WRR8	TNL	Bst	Bostr.28243s0043.1.p	67.509	1148	19	1138	0	TNL	same
At_RLM1a	TNL	Bst	Bostr.29223s0183.2.p	67.468	624	1	622	0	TNL	same
At_RLM1b	TNL	Bst	Bostr.29223s0031.1.p	67.353	631	11	626	0	TNL	same
At_WRR8	TNL	Bst	Bostr.4485s0002.1.p	67.311	1190	12	1138	0	TNL	same
At_RPS5	TNL	Bst	Bostr.13671s0231.1.p	67.31	881	1	880	0	CNL	different
At_RPP1	TNL	Bst	Bostr.7200s0014.1.p	67.145	1184	58	1163	0	Other-NLR	different
At_WRR9	NL	Bst	Bostr.29223s0147.1.p	67.136	995	5	987	0	TNL	different
At_RRS1	TNL	Bst	Bostr.29514s0001.1.p	67.095	1246	1	1216	0	TNL	same
At_RAC1	TNL	Bst	Bostr.28243s0017.1.p	67.048	1223	9	1156	0	TNL	same
At_RLM1b	TNL	Bst	Bostr.29223s0181.1.p	66.935	995	1	980	0	TNL	same
At_WRR9	NL	Bst	Bostr.29223s0151.1.p	66.863	1020	5	1009	0	TNL	different
At_RPP39	CNL	Bst	Bostr.22157s0136.1.p	66.793	527	355	870	0	CNL	same
At_WRR4b	TNL	Bst	Bostr.1040s0006.1.p	66.607	563	104	624	0	TNL	same
At_RLM1b	TNL	Bst	Bostr.10040s0141.1.p	66.576	739	164	901	0	NL	different
At_RPP1	TNL	Bst	Bostr.18473s0376.1.p	66.571	1041	1	915	0	Other-NLR	different
At_RAC1	TNL	Bst	Bostr.8819s0190.1.p	66.558	1229	1	1149	0	TNL	same
At_WRR8	TNL	Bst	Bostr.28243s0018.3.p	66.537	1025	156	1131	0	NL	different
At_WRR8	TNL	Bst	Bostr.28243s0018.4.p	66.537	1025	156	1131	0	NL	different
At_WRR4b	TNL	Bst	Bostr.8169s0020.1.p	66.425	691	396	1076	0	TX	different
At_WRR9	NL	Bst	Bostr.29223s0029.1.p	66.269	1005	12	1008	0	TNL	different
At_RRS1	TNL	Bst	Bostr.8819s0021.1.p	66.263	1322	1	1288	0	NL	different
At_WRR9	NL	Bst	Bostr.29223s0181.1.p	66.232	998	5	989	0	TNL	different
At_RLM1b	TNL	Bst	Bostr.29223s0121.1.p	66.223	752	278	1012	0	NL	different
At_WRR9	NL	Bst	Bostr.29223s0172.1.p	66.203	1006	12	1002	0	TNL	different
At_RLP23	LRR-RLP	Bst	Bostr.23794s0796.1.p	66.109	717	175	889	0	LRR-RLP	same
At_WRR8	TNL	Bst	Bostr.28243s0017.1.p	66.007	1212	19	1138	0	TNL	same
At_RLM1b	TNL	Bst	Bostr.29223s0147.1.p	65.941	1010	1	990	0	TNL	same
At_RPP8	CNL	Bst	Bostr.30275s0049.1.p	65.714	910	1	904	0	CNL	same
At_WRR4a	TNL	Bst	Bostr.8169s0027.2.p	65.709	1009	9	1004	0	TNL	same
At_WRR4a	TNL	Bst	Bostr.8169s0027.1.p	65.709	1009	9	1004	0	TNL	same
At_RLM1a	TNL	Bst	Bostr.29223s0198.2.p	65.698	723	1	719	0	TNL	same
At_RLM1a	TNL	Bst	Bostr.29223s0198.1.p	65.698	723	1	719	0	TNL	same
At_RPP8	CNL	Bst	Bostr.30275s0049.2.p	65.652	821	1	815	0	CNL	same
At_RPP1	TNL	Bst	Bostr.19424s0067.1.p	65.65	492	94	584	0	TN	different
At_RLP32	LRR-RLP	Bst	Bostr.2199s0003.1.p	65.638	745	114	854	0	LRR-RLP	same
At_RPP1	TNL	Bst	Bostr.18473s0374.1.p	65.611	1294	1	1163	0	Other-NLR	different
At_WRR9	NL	Bst	Bostr.29223s0024.1.p	65.572	1005	5	995	0	TNL	different
At_RLP23	LRR-RLP	Bst	Bostr.23794s0775.1.p	65.551	717	175	888	0	LRR-RLP	same
At_WRR8	TNL	Bst	Bostr.8819s0190.1.p	65.455	1210	12	1131	0	TNL	same
At_RPP1	TNL	Bst	Bostr.26326s0044.1.p	65.414	1064	128	1161	0	Other-NLR	different
At_RPS4	TNL	Bst	Bostr.5342s0008.1.p	65.405	1136	9	1134	0	TNL	same
At_WRR8	TNL	Bst	Bostr.3148s0208.1.p	65.4	737	45	772	0	TNL	same
At_RPP1	TNL	Bst	Bostr.18351s0417.1.p	65.333	1275	1	1163	0	Other-NLR	different
At_RPP1	TNL	Bst	Bostr.0556s0496.1.p	65.175	1117	108	1160	0	Other-NLR	different
At_WRR4b	TNL	Bst	Bostr.1040s0084.1.p	65.068	1022	11	998	0	TNL	same
At_WRR9	NL	Bst	Bostr.29223s0033.1.p	65.024	1035	12	1026	0	TNL	different
At_RRS1	TNL	Bst	Bostr.5342s0006.1.p	64.948	1261	8	1238	0	TNL	same
At_RFO1	Other-RLK	Bst	Bostr.7128s0227.1.p	64.915	761	6	751	0	Other-RLK	same
At_RPP1	TNL	Bst	Bostr.18473s0352.1.p	64.848	825	176	983	0	Other-NLR	different
Bol_FocBo1	TNL	Bst	Bostr.29223s0074.1.p	64.803	483	8	490	0	TN	different
At_WRR9	NL	Bst	Bostr.29223s0114.1.p	64.802	983	13	987	0	TNL	different
At_RAC1	TNL	Bst	Bostr.8819s0175.1.p	64.777	741	1	735	0	TNL	same
At_WRR8	TNL	Bst	Bostr.8819s0175.1.p	64.682	739	12	745	0	TNL	same
At_WRR4b	TNL	Bst	Bostr.12938s0002.1.p	64.452	903	104	994	0	TNL	same
At_RPS5	TNL	Bst	Bostr.26675s0378.1.p	64.27	890	1	883	0	CNL	different
At_RLP42	LRR-RLP	Bst	Bostr.23794s0796.1.p	64.256	719	182	889	0	LRR-RLP	same
At_RPP5	TNL	Bst	Bostr.29223s0074.1.p	64.241	481	11	491	0	TN	different
At_RLP32	LRR-RLP	Bst	Bostr.19424s1033.1.p	64.224	928	1	853	0	LRR-RLP	same
At_WRR12	TNL	Bst	Bostr.3751s0023.1.p	64.133	1026	12	1019	0	TNL	same
At_RLM1a	TNL	Bst	Bostr.29223s0183.1.p	64.065	743	1	741	0	TNL	same
Bra_Crr1a	TNL	Bst	Bostr.25463s0391.2.p	64.041	1079	67	1044	0	TNL	same
At_RFO1	Other-RLK	Bst	Bostr.7128s0228.1.p	64.022	731	7	717	0	Other-RLK	same
At_RPP7	NL	Bst	Bostr.10040s0323.1.p	63.936	879	1	865	0	NL	same
Bju_WRR1	CNL	Bst	Bostr.0124s0128.1.p	63.916	909	1	900	0	CNL	same
At_RPP4	TNL	Bst	Bostr.29223s0074.1.p	63.808	478	12	489	0	TN	different
At_RPP7	NL	Bst	Bostr.10040s0305.1.p	63.787	544	243	775	0	NL	same

At_WRR4b	TNL	Bst	Bostr.2983s0178.1.p	63.778	900	160	1053	0	Other-NLR	different
At_WRR4a	TNL	Bst	Bostr.2983s0178.1.p	63.754	847	159	1000	0	Other-NLR	different
At_RAC1	TNL	Bst	Bostr.3148s0208.1.p	63.735	739	34	765	0	TNL	same
Bna_LepR3/Rlm2	LRR-RLP	Bst	Bostr.5776s0003.1.p	63.674	969	1	947	0	LRR-RLP	same
At_RLM1b	TNL	Bst	Bostr.29223s0172.1.p	63.672	1024	11	1013	0	TNL	same
At_RLM1b	TNL	Bst	Bostr.29223s0033.1.p	63.645	1026	11	1008	0	TNL	same
At_WRR12	TNL	Bst	Bostr.3751s0040.1.p	63.614	797	218	1010	0	NL	different
At_WRR12	TNL	Bst	Bostr.3751s0028.1.p	63.559	944	85	1021	0	TNL	same
At_WRR12	TNL	Bst	Bostr.3751s0032.1.p	63.434	1031	12	1019	0	TNL	same
At_RLM1a	TNL	Bst	Bostr.29223s0155.1.p	63.43	793	102	873	0	TNL	same
At_RAC1	TNL	Bst	Bostr.4485s0016.2.p	63.4	653	105	735	0	TNL	same
At_RAC1	TNL	Bst	Bostr.4485s0016.1.p	63.4	653	105	735	0	TNL	same
At_RLM1a	TNL	Bst	Bostr.30057s0091.3.p	63.38	710	4	712	0	TNL	same
At_RLM1a	TNL	Bst	Bostr.30057s0091.2.p	63.38	710	4	712	0	TNL	same
At_WRR12	TNL	Bst	Bostr.3751s0035.1.p	63.365	1040	12	1044	0	TNL	same
At_RPP7	NL	Bst	Bostr.25375s0006.2.p	63.303	545	254	793	0	NL	same
At_RPS5	TNL	Bst	Bostr.13671s0231.3.p	63.199	769	112	880	0	NL	different
At_RPS5	TNL	Bst	Bostr.13671s0231.2.p	63.199	769	112	880	0	NL	different
At_WRR4a	TNL	Bst	Bostr.0124s0150.1.p	62.985	1005	1	1004	0	TNL	same
At_RPP7	NL	Bst	Bostr.10040s0017.1.p	62.971	875	1	866	0	NL	same
At_WRR9	NL	Bst	Bostr.29223s0184.1.p	62.842	1098	5	1077	0	TNL	different
At_RLM1b	TNL	Bst	Bostr.29223s0118.1.p	62.828	495	373	865	0	TX	different
At_RLM1b	TNL	Bst	Bostr.8169s0058.1.p	62.745	1020	1	1009	0	TNL	same
At_RLP42	LRR-RLP	Bst	Bostr.23794s0775.1.p	62.712	708	182	883	0	LRR-RLP	same
At_WRR8	TNL	Bst	Bostr.4485s0016.2.p	62.673	651	116	745	0	TNL	same
At_WRR8	TNL	Bst	Bostr.4485s0016.1.p	62.673	651	116	745	0	TNL	same
At_WRR4b	TNL	Bst	Bostr.8169s0021.1.p	62.579	1101	4	1024	0	TNL	same
At_RPP1	TNL	Bst	Bostr.0556s0798.1.p	62.376	1111	66	1163	0	Other-NLR	different
Bna_LepR3/Rlm2	LRR-RLP	Bst	Bostr.2199s0003.1.p	62.37	962	1	947	0	LRR-RLP	same
Bra_Crr1a	TNL	Bst	Bostr.25463s0391.1.p	62.351	1259	67	1215	0	TNL	same
At_RPP1	TNL	Bst	Bostr.18473s0359.1.p	62.316	1019	58	1013	0	Other-NLR	different
At_RLP42	LRR-RLP	Bst	Bostr.23794s0774.1.p	62.302	695	182	876	0	LRR-RLP	same
At_WRR4a	TNL	Bst	Bostr.8169s0026.1.p	62.28	851	163	1004	0	NL	different
At_RLP23	LRR-RLP	Bst	Bostr.23794s0774.1.p	62.256	718	175	890	0	LRR-RLP	same
At_RLM1b	TNL	Bst	Bostr.10040s0058.1.p	62.241	964	33	981	0	Other-NLR	different
At_WRR4a	TNL	Bst	Bostr.8169s0018.1.p	62.134	853	157	1004	0	NL	different
At_RLM1b	TNL	Bst	Bostr.10040s0057.1.p	62.13	1014	1	997	0	TNL	same
At_RLP32	LRR-RLP	Bst	Bostr.19424s1114.1.p	62.125	866	6	853	0	LRR-RLP	same
At_RPP1	TNL	Bst	Bostr.2983s0062.1.p	62.109	768	476	1163	0	TX	different
At_RPS5	TNL	Bst	Bostr.13671s0240.1.p	62.091	794	1	790	0	CNL	different
At_WRR4b	TNL	Bst	Bostr.0124s0150.1.p	62.011	1074	6	1075	0	TNL	same
At_RFO2	LRR-RLP	Bst	Bostr.7128s0335.1.p	61.98	697	45	740	0	LRR-RLP	same
At_RPP7	NL	Bst	Bostr.10040s0324.1.p	61.786	963	1	956	0	NL	same
At_RLM1a	TNL	Bst	Bostr.10040s0141.1.p	61.737	737	164	898	0	NL	different
At_RLM1a	TNL	Bst	Bostr.29223s0162.1.p	61.709	995	1	986	0	TNL	same
At_RLM1a	TNL	Bst	Bostr.29223s0031.1.p	61.661	626	12	622	0	TNL	same
At_WRR9	NL	Bst	Bostr.29223s0155.1.p	61.606	797	106	881	0	TNL	different
Bju_WRR1	CNL	Bst	Bostr.0124s0128.2.p	61.606	685	222	900	0	NL	different
At_RPP7	NL	Bst	Bostr.10040s0313.1.p	61.597	526	1	525	0	NBS	different
At_RPP1	TNL	Bst	Bostr.18473s0352.1.p	61.583	518	659	1163	0	Other-NLR	different
At_RLM1b	TNL	Bst	Bostr.29223s0024.1.p	61.508	1008	1	992	0	TNL	same
At_WRR4b	TNL	Bst	Bostr.29223s0183.2.p	61.502	626	1	624	0	TNL	same
At_WRR8	TNL	Bst	Bostr.4485s0003.1.p	61.477	745	27	745	0	TNL	same
At_RPP7	NL	Bst	Bostr.25375s0006.1.p	61.452	799	1	793	0	NL	same
At_RLM1a	TNL	Bst	Bostr.10040s0227.1.p	61.438	918	1	915	0	TNL	same
At_WRR9	NL	Bst	Bostr.29223s0160.1.p	61.35	1022	5	1020	0	TNL	different
At_WRR9	NL	Bst	Bostr.10040s0141.1.p	61.325	755	168	920	0	NL	same
At_RLP32	LRR-RLP	Bst	Bostr.10199s0122.1.p	61.245	707	175	866	0	LRR-RLP	same
At_RPP1	TNL	Bst	Bostr.7200s0011.1.p	61.086	884	177	1001	0	Other-NLR	different
At_NGR1b	RNL	Bst	Bostr.27102s0001.1.p	61.044	498	14	503	0	CN	different
At_RLM1a	TNL	Bst	Bostr.30057s0091.1.p	61.036	888	4	889	0	TNL	same
At_RPP7	NL	Bst	Bostr.10040s0300.1.p	61.027	993	1	977	0	NL	same
At_RPP7	NL	Bst	Bostr.10040s0300.2.p	61.027	993	1	977	0	NL	same
At_WRR8	TNL	Bst	Bostr.4485s0018.1.p	61.02	549	282	751	0	NL	different
At_ADR1	NL	Bst	Bostr.14419s0021.1.p	61.017	590	179	765	0	NL	same
At_RPP7	NL	Bst	Bostr.7200s0186.1.p	61.002	1018	1	977	0	CNL	different
At_RFO1	Other-RLK	Bst	Bostr.7128s0225.1.p	60.957	648	119	725	0	Other-RLK	same
At_RPS5	TNL	Bst	Bostr.26675s0377.1.p	60.904	885	1	883	0	CNL	different
At_RLM1a	TNL	Bst	Bostr.8169s0019.1.p	60.895	849	44	889	0	TNL	same
At_WRR9	NL	Bst	Bostr.29223s0162.1.p	60.861	999	5	989	0	TNL	different
At_RLP32	LRR-RLP	Bst	Bostr.19424s1036.1.p	60.833	840	6	766	0	LRR-RLP	same
Bra_Crr1a	TNL	Bst	Bostr.18473s0376.1.p	60.823	924	70	975	0	Other-NLR	different
Bra_Crr1a	TNL	Bst	Bostr.30057s0025.3.p	60.806	620	70	688	0	TNL	same
At_RPP1	TNL	Bst	Bostr.30057s0025.3.p	60.778	617	98	711	0	TNL	same
Bra_cRa/cRb	TNL	Bst	Bostr.25463s0391.2.p	60.742	1159	1	1152	0	TNL	same
At_RPP39	CNL	Bst	Bostr.10040s0074.1.p	60.727	825	1	814	0	CNL	same
At_RPP7	NL	Bst	Bostr.10040s0277.1.p	60.593	1147	1	1136	0	CNL	different
At_RLM1a	TNL	Bst	Bostr.10040s0058.1.p	60.581	964	33	988	0	Other-NLR	different
At_RPP1	TNL	Bst	Bostr.30057s0025.1.p	60.567	705	98	799	0	TNL	same
At_RLM1b	TNL	Bst	Bostr.29223s0198.2.p	60.485	1030	1	1013	0	TNL	same
At_RLM1b	TNL	Bst	Bostr.29223s0198.1.p	60.485	1030	1	1013	0	TNL	same
Bra_Crr1a	TNL	Bst	Bostr.2570s0295.1.p	60.482	706	92	795	0	TNL	same
At_RPS5	TNL	Bst	Bostr.13671s0230.1.p	60.473	888	1	883	0	CNL	different
At_RLM1a	TNL	Bst	Bostr.8169s0059.1.p	60.453	928	3	925	0	TNL	same
At_RPS5	TNL	Bst	Bostr.15774s0296.1.p	60.384	886	1	881	0	CNL	different
Bra_Crr1a	TNL	Bst	Bostr.30057s0025.1.p	60.347	691	70	759	0	TNL	same



At_WRR4b	TNL	Bst	Bostr.29223s0183.1.p	60.331	726	1	724	0	TNL	same
At_WRR9	NL	Bst	Bostr.29223s0121.1.p	60.328	731	282	1001	0	NL	same
Bra_Crr1a	TNL	Bst	Bostr.2570s0335.1.p	60.302	728	92	815	0	TNL	same
Bna_LepR3/Rlm2	LRR-RLP	Bst	Bostr.18351s0001.1.p	60.171	934	25	947	0	LRR-RLP	same
Bju_WRR1	CNL	Bst	Bostr.0556s0548.1.p	60.16	748	142	886	0	NL	different
At_ADR1	NL	Bst	Bostr.7867s1179.1.p	60.073	819	3	787	0	NL	same
At_RLM1a	TNL	Bst	Bostr.10040s0057.1.p	60.04	996	1	988	0	TNL	same
At_RLM3	TN	Cgr	Cagra.1618s0019.1	60.39	154	3	152	3.10E-55	TX	different
At_RLM3	TN	Cgr	Cagra.1618s0019.1	60.39	154	3	152	3.10E-55	TX	different
At_WRR9	NL	Cgr	Cagra.1531s0001.1	61.333	150	8	157	1.91E-60	TX	different
At_WRR9	NL	Cgr	Cagra.1531s0001.1	61.333	150	8	157	1.91E-60	TX	different
At_RPP2a	TNL	Cgr	Cagra.1618s0019.1	64.557	158	1	154	2.57E-62	TX	different
At_RPP2a	TNL	Cgr	Cagra.1618s0019.1	64.557	158	1	154	2.57E-62	TX	different
At_RLM1b	TNL	Cgr	Cagra.1531s0001.1	66.667	153	4	156	3.48E-66	TX	different
At_RLM1b	TNL	Cgr	Cagra.1531s0001.1	66.667	153	4	156	3.48E-66	TX	different
Bol_FocBo1	TNL	Cgr	Cagra.1618s0019.1	67.901	162	6	163	8.06E-68	TX	different
Bol_FocBo1	TNL	Cgr	Cagra.1618s0019.1	67.901	162	6	163	8.06E-68	TX	different
At_RPP4	TNL	Cgr	Cagra.1618s0019.1	75	152	10	157	8.09E-70	TX	different
At_RPP4	TNL	Cgr	Cagra.1618s0019.1	75	152	10	157	8.09E-70	TX	different
At_RPP1	TNL	Cgr	Cagra.1761s0003.1	67.63	173	69	241	3.89E-73	TX	different
At_RPP1	TNL	Cgr	Cagra.1761s0003.1	67.63	173	69	241	3.89E-73	TX	different
At_WRR4a	TNL	Cgr	Cagra.1531s0001.1	73.377	154	3	156	3.33E-75	TX	different
At_WRR4a	TNL	Cgr	Cagra.1531s0001.1	73.377	154	3	156	3.33E-75	TX	different
At_WRR4b	TNL	Cgr	Cagra.1531s0001.1	78.571	154	5	158	2.18E-80	TX	different
At_WRR4b	TNL	Cgr	Cagra.1531s0001.1	78.571	154	5	158	2.18E-80	TX	different
At_RLM1a	TNL	Cgr	Cagra.1531s0001.1	77.922	154	4	157	6.15E-81	TX	different
At_RLM1a	TNL	Cgr	Cagra.1531s0001.1	77.922	154	4	157	6.15E-81	TX	different
At_RPP5	TNL	Cgr	Cagra.1618s0019.1	84	150	11	160	4.73E-82	TX	different
At_RPP5	TNL	Cgr	Cagra.1618s0019.1	84	150	11	160	4.73E-82	TX	different
At_RAC1	TNL	Cgr	Cagra.0569s0002.1	72.085	283	553	832	7.98E-117	TNL	same
At_RAC1	TNL	Cgr	Cagra.0569s0002.1	72.085	283	553	832	7.98E-117	TNL	same
Bna_LepR3/Rlm2	LRR-RLP	Cgr	Cagra.1655s0067.1	65.266	357	599	948	5.97E-153	LRR-RLP	same
Bra_Crr1a	TNL	Cgr	Cagra.4961s0011.1	60.253	395	67	460	1.01E-161	TN	different
Bra_Crr1a	TNL	Cgr	Cagra.4961s0011.1	60.253	395	67	460	1.01E-161	TN	different
At_NGR1b	RNL	Cgr	Cagra.2007s0012.1	62.319	414	406	815	6.37E-162	NL	different
At_NGR1b	RNL	Cgr	Cagra.2007s0012.1	62.319	414	406	815	6.37E-162	NL	different
At_RLP32	LRR-RLP	Cgr	Cagra.1655s0067.1	71.307	352	512	853	3.83E-168	LRR-RLP	same
At_NGR1a	RNL	Cgr	Cagra.2007s0012.1	65.937	411	404	809	1.83E-172	NL	different
At_NGR1a	RNL	Cgr	Cagra.2007s0012.1	65.937	411	404	809	1.83E-172	NL	different
At_WRR12	TNL	Cgr	Cagra.0824s0126.1	86.807	1046	3	1048	0	TNL	same
At_WRR12	TNL	Cgr	Cagra.0824s0126.1	86.807	1046	3	1048	0	TNL	same
At_RPS2	NL	Cgr	Cagra.3467s0049.1	85.809	909	1	909	0	CNL	different
At_RPS2	NL	Cgr	Cagra.3467s0049.1	85.809	909	1	909	0	CNL	different
At_RLP32	LRR-RLP	Cgr	Cagra.2108s0001.1	85.698	853	1	852	0	LRR-RLP	same
At_RLP1	LRR-RLP	Cgr	Cagra.1671s0360.1	85	1080	1	1077	0	LRR-RLP	same
At_ADR1	NL	Cgr	Cagra.6133s0007.1	83.692	791	1	787	0	NL	same
At_ADR1	NL	Cgr	Cagra.6133s0007.1	83.692	791	1	787	0	NL	same
At_RLP30	LRR-RLP	Cgr	Cagra.2179s0052.1	83.641	758	30	786	0	LRR-RLP	same
At_NGR1a	RNL	Cgr	Cagra.2007s0011.1	82.432	814	1	809	0	CNL	different
At_NGR1a	RNL	Cgr	Cagra.2007s0011.1	82.432	814	1	809	0	CNL	different
At_RLM1a	TNL	Cgr	Cagra.0062s0032.1	77.854	1025	4	997	0	TNL	same
At_RLM1a	TNL	Cgr	Cagra.0062s0032.1	77.854	1025	4	997	0	TNL	same
At_RLP42	LRR-RLP	Cgr	Cagra.16515s0001.1	76.633	689	11	698	0	LRR-RLP	same
At_WRR4b	TNL	Cgr	Cagra.12399s0002.1	75.549	1092	11	1072	0	TNL	same
At_WRR4b	TNL	Cgr	Cagra.12399s0002.1	75.549	1092	11	1072	0	TNL	same
At_RPP7	NL	Cgr	Cagra.0550s0003.2	72.184	870	1	866	0	NL	same
At_RPP7	NL	Cgr	Cagra.0550s0003.1	72.184	870	1	866	0	NL	same
At_RPP7	NL	Cgr	Cagra.0550s0003.2	72.184	870	1	866	0	NL	same
At_RPP7	NL	Cgr	Cagra.0550s0003.1	72.184	870	1	866	0	NL	same
At_RLP23	LRR-RLP	Cgr	Cagra.0301s0115.1	70.857	875	17	890	0	LRR-RLP	same
At_RPP8	CNL	Cgr	Cagra.2383s0008.1	70.241	914	1	908	0	CNL	same
At_RPP8	CNL	Cgr	Cagra.2383s0008.1	70.241	914	1	908	0	CNL	same
At_RPP39	CNL	Cgr	Cagra.0982s0007.3	70.149	670	214	870	0	NL	different
At_RPP39	CNL	Cgr	Cagra.0982s0007.1	70.149	670	214	870	0	NL	different
At_RPP39	CNL	Cgr	Cagra.0982s0007.2	70.149	670	214	870	0	NL	different
At_RPP39	CNL	Cgr	Cagra.0982s0007.3	70.149	670	214	870	0	NL	different
At_RPP39	CNL	Cgr	Cagra.0982s0007.1	70.149	670	214	870	0	NL	different
At_RPP39	CNL	Cgr	Cagra.0982s0007.2	70.149	670	214	870	0	NL	different
At_NGR1b	RNL	Cgr	Cagra.2007s0011.1	69.315	818	5	812	0	CNL	different
At_NGR1b	RNL	Cgr	Cagra.2007s0011.1	69.315	818	5	812	0	CNL	different
Bna_LepR3/Rlm2	LRR-RLP	Cgr	Cagra.3457s0001.1	68.037	657	289	945	0	LRR-RLP	same
At_RLP42	LRR-RLP	Cgr	Cagra.0301s0115.1	66.897	867	19	880	0	LRR-RLP	same
At_RPP1	TNL	Cgr	Cagra.26171s0001.1	65.804	927	90	938	0	Other-NLR	different
At_RPP1	TNL	Cgr	Cagra.26171s0001.1	65.804	927	90	938	0	Other-NLR	different
At_RPP8	CNL	Cgr	Cagra.11315s0008.1	65.755	914	1	908	0	CNL	same
At_RPP8	CNL	Cgr	Cagra.11315s0008.1	65.755	914	1	908	0	CNL	same
At_RLP23	LRR-RLP	Cgr	Cagra.16515s0001.1	65.449	657	42	697	0	LRR-RLP	same
At_RPP1	TNL	Cgr	Cagra.6251s0001.2	64.942	1198	36	1163	0	TNL	same
At_RPP1	TNL	Cgr	Cagra.6251s0001.2	64.942	1198	36	1163	0	TNL	same
At_RPP1	TNL	Cgr	Cagra.6251s0001.1	64.804	1199	36	1163	0	TNL	same
At_RPP1	TNL	Cgr	Cagra.6251s0001.1	64.804	1199	36	1163	0	TNL	same
At_RLP32	LRR-RLP	Cgr	Cagra.3457s0001.1	64.733	655	200	854	0	LRR-RLP	same
At_RPS4	TNL	Cgr	Cagra.1562s0043.1	64.429	1147	5	1139	0	TNL	same
At_RPS4	TNL	Cgr	Cagra.1562s0043.1	64.429	1147	5	1139	0	TNL	same
At_RLM1b	TNL	Cgr	Cagra.3285s0010.1	64.411	857	162	1006	0	NL	different
At_RLM1b	TNL	Cgr	Cagra.3285s0010.1	64.411	857	162	1006	0	NL	different



At_RLM1b	TNL	Cgr	Cagra.7993s0004.1	64.377	1019	10	1009	0	TNL	same
At_RLM1b	TNL	Cgr	Cagra.7993s0004.1	64.377	1019	10	1009	0	TNL	same
At_RPS5	TNL	Cgr	Cagra.0568s0138.1	64.334	886	1	884	0	CNL	different
At_RPS5	TNL	Cgr	Cagra.0568s0138.1	64.334	886	1	884	0	CNL	different
At_WRR12	TNL	Cgr	Cagra.4715s0008.1	64.167	1027	1	1021	0	TNL	same
At_WRR12	TNL	Cgr	Cagra.4715s0008.1	64.167	1027	1	1021	0	TNL	same
At_WRR12	TNL	Cgr	Cagra.4715s0010.1	63.938	1026	1	1021	0	TNL	same
At_WRR12	TNL	Cgr	Cagra.4715s0010.1	63.938	1026	1	1021	0	TNL	same
At_RLM1b	TNL	Cgr	Cagra.7993s0001.1	63.84	802	210	1002	0	NL	different
At_RLM1b	TNL	Cgr	Cagra.7993s0001.1	63.84	802	210	1002	0	NL	different
At_WRR8	TNL	Cgr	Cagra.0569s0023.1	63.655	498	14	506	0	TN	different
At_WRR8	TNL	Cgr	Cagra.0569s0023.1	63.655	498	14	506	0	TN	different
Bra_Crr1a	TNL	Cgr	Cagra.3601s0001.1	63.579	475	148	618	0	TN	different
Bra_Crr1a	TNL	Cgr	Cagra.3601s0001.1	63.579	475	148	618	0	TN	different
At_WRR8	TNL	Cgr	Cagra.0569s0025.1	63.32	747	12	739	0	TNL	same
At_WRR8	TNL	Cgr	Cagra.0569s0025.1	63.32	747	12	739	0	TNL	same
At_WRR8	TNL	Cgr	Cagra.0569s0002.1	63.249	1151	20	1139	0	TNL	same
At_WRR8	TNL	Cgr	Cagra.0569s0002.1	63.249	1151	20	1139	0	TNL	same
At_RPP7	NL	Cgr	Cagra.6704s0008.1	63.2	750	126	869	0	NL	same
At_RPP7	NL	Cgr	Cagra.6704s0008.1	63.2	750	126	869	0	NL	same
At_RLP23	LRR-RLP	Cgr	Cagra.0301s0076.1	63.194	720	175	889	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Cgr	Cagra.2108s0001.1	63.151	749	204	943	0	LRR-RLP	same
At_RRS1	TNL	Cgr	Cagra.1562s0042.1	62.941	1333	8	1277	0	TNL	same
At_RRS1	TNL	Cgr	Cagra.1562s0042.1	62.941	1333	8	1277	0	TNL	same
At_RRS1	TNL	Cgr	Cagra.1562s0042.2	62.913	1332	8	1277	0	TNL	same
At_RRS1	TNL	Cgr	Cagra.1562s0042.2	62.913	1332	8	1277	0	TNL	same
Bju_WRR1	CNL	Cgr	Cagra.2383s0008.1	62.816	909	1	900	0	CNL	same
Bju_WRR1	CNL	Cgr	Cagra.2383s0008.1	62.816	909	1	900	0	CNL	same
At_RLP32	LRR-RLP	Cgr	Cagra.8062s0003.1	62.784	747	110	852	0	LRR-RLP	same
At_RPP8	CNL	Cgr	Cagra.0053s0020.1	62.772	873	1	867	0	NL	different
At_RPP8	CNL	Cgr	Cagra.0053s0020.1	62.772	873	1	867	0	NL	different
At_RLP23	LRR-RLP	Cgr	Cagra.0301s0053.1	62.762	717	175	890	0	LRR-RLP	same
At_RAC1	TNL	Cgr	Cagra.0569s0023.1	62.675	501	3	497	0	TN	different
At_RAC1	TNL	Cgr	Cagra.0569s0023.1	62.675	501	3	497	0	TN	different
At_ADR1	NL	Cgr	Cagra.5249s0010.1	62.562	812	6	787	0	NL	same
At_ADR1	NL	Cgr	Cagra.5249s0010.1	62.562	812	6	787	0	NL	same
At_RPP8	CNL	Cgr	Cagra.0053s0020.2	62.543	873	1	867	0	NL	different
At_RPP8	CNL	Cgr	Cagra.0053s0020.2	62.543	873	1	867	0	NL	different
At_RLP42	LRR-RLP	Cgr	Cagra.0301s0053.1	62.482	701	182	878	0	LRR-RLP	same
At_RLP32	LRR-RLP	Cgr	Cagra.1655s0060.1	62.225	908	1	850	0	LRR-RLP	same
At_RLP42	LRR-RLP	Cgr	Cagra.0301s0076.1	61.986	705	182	878	0	LRR-RLP	same
At_RLM1b	TNL	Cgr	Cagra.7993s0003.1	61.919	1011	1	998	0	TNL	same
At_RLM1b	TNL	Cgr	Cagra.7993s0003.1	61.919	1011	1	998	0	TNL	same
At_WRR8	TNL	Cgr	Cagra.3954s0001.1	61.84	739	17	745	0	TNL	same
At_WRR8	TNL	Cgr	Cagra.3954s0001.2	61.84	739	17	745	0	TNL	same
At_WRR8	TNL	Cgr	Cagra.3954s0001.1	61.84	739	17	745	0	TNL	same
At_WRR8	TNL	Cgr	Cagra.3954s0001.2	61.84	739	17	745	0	TNL	same
At_RLP23	LRR-RLP	Cgr	Cagra.0301s0053.2	61.714	525	175	698	0	LRR-RLP	same
At_RAC1	TNL	Cgr	Cagra.3954s0001.1	61.456	742	6	735	0	TNL	same
At_RAC1	TNL	Cgr	Cagra.3954s0001.1	61.456	742	6	735	0	TNL	same
At_WRR4b	TNL	Cgr	Cagra.12399s0001.1	61.41	1078	3	1064	0	TNL	same
At_WRR4b	TNL	Cgr	Cagra.12399s0001.1	61.41	1078	3	1064	0	TNL	same
At_WRR4a	TNL	Cgr	Cagra.12399s0001.1	61.377	1002	1	998	0	TNL	same
At_WRR4a	TNL	Cgr	Cagra.12399s0001.1	61.377	1002	1	998	0	TNL	same
At_RLP42	LRR-RLP	Cgr	Cagra.0301s0053.2	61.079	519	182	696	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Cgr	Cagra.8062s0003.1	60.963	789	156	937	0	LRR-RLP	same
At_RAC1	TNL	Cgr	Cagra.0569s0025.1	60.705	766	1	741	0	TNL	same
At_RAC1	TNL	Cgr	Cagra.0569s0025.1	60.705	766	1	741	0	TNL	same
At_WRR4a	TNL	Cgr	Cagra.12399s0002.1	60.624	1026	9	1004	0	TNL	same
At_WRR4a	TNL	Cgr	Cagra.12399s0002.1	60.624	1026	9	1004	0	TNL	same
Bra_Crr1a	TNL	Cgr	Cagra.1183s0005.1	60.482	706	85	782	0	TNL	same
Bra_Crr1a	TNL	Cgr	Cagra.1183s0005.1	60.482	706	85	782	0	TNL	same
At_RPP39	CNL	Bcr	KAF3519034.1	60.265	151	385	529	1.75E-50	NL	different
At_WRR9	NL	Bcr	KAF3575596.1	63.19	163	106	265	2.94E-58	TX	different
At_RPP2a	TNL	Bcr	KAF3531620.1	63.128	179	206	383	1.25E-58	NL	different
At_WRR8	TNL	Bcr	KAF3567523.1	61.875	160	354	511	4.35E-59	NBS	different
At_RPP5	TNL	Bcr	KAF3531620.1	61.957	184	211	394	2.76E-59	NL	different
At_RPM1	NL	Bcr	KAF3528544.1	60.104	193	468	656	4.16E-62	LRR-RLP	different
At_WRR4b	TNL	Bcr	KAF3575596.1	66.258	163	103	262	4.87E-64	TX	different
At_WRR4a	TNL	Bcr	KAF3564882.1	68.354	158	1	157	9.28E-66	TX	different
At_RLM1a	TNL	Bcr	KAF3575596.1	66.258	163	102	261	2.31E-67	TX	different
At_RLP42	LRR-RLP	Bcr	KAF3578456.1	77.632	152	725	876	1.36E-67	LRR-RLP	same
At_RLP23	LRR-RLP	Bcr	KAF3578456.1	73.494	166	725	890	4.34E-68	LRR-RLP	same
Bol_FocBo1	TNL	Bcr	KAF3531620.1	66.484	182	206	386	2.23E-68	NL	different
At_RLM1b	TNL	Bcr	KAF3575596.1	69.136	162	102	260	1.21E-68	TX	different
At_RLM1a	TNL	Bcr	KAF3564882.1	68.354	158	1	158	5.59E-69	TX	different
At_WRR9	NL	Bcr	KAF3564882.1	69.565	161	2	162	3.42E-69	TX	different
At_RPP13	CNL	Bcr	KAF3527235.1	75.316	158	148	304	3.25E-70	NL	different
At_RRS1	TNL	Bcr	KAF3564691.1	69.892	186	149	331	9.01E-72	NL	different
At_WRR4b	TNL	Bcr	KAF3564882.1	72.956	159	1	159	5.90E-73	TX	different
At_RPS5	TNL	Bcr	KAF3517781.1	64.767	193	1	193	7.11E-75	CN	different
At_RLM1b	TNL	Bcr	KAF3564882.1	77.848	158	1	158	1.12E-77	TX	different
At_RLP30	LRR-RLP	Bcr	KAF3517872.1	66.667	198	580	777	2.59E-80	LRR-RLP	same
At_RLP1	LRR-RLP	Bcr	KAF3544388.1	68.182	198	880	1077	1.90E-81	LRR-RLP	same
At_RPP2b	TNL	Bcr	KAF3532444.1	64.167	240	121	360	2.51E-84	Other-NLR	different
Bra_Crr1a	TNL	Bcr	KAF3550114.1	60.311	257	215	471	2.37E-85	NBS	different

Bna_LepR3/Rlm2	LRR-RLP	Bcr	KAF3548035.1	69.898	196	738	932	7.65E-89	LRR-RLP	same
At_RAC1	TNL	Bcr	KAF3567662.1	65.401	237	160	396	1.43E-89	NL	different
At_WRR8	TNL	Bcr	KAF3567662.1	66.087	230	170	399	1.14E-91	NL	different
At_RFO3	Other-RLK	Bcr	KAF3534109.1	60.345	232	515	745	9.57E-92	Other-RLK	same
Bna_LepR3/Rlm2	LRR-RLP	Bcr	KAF3551131.1	67.265	223	731	950	1.45E-96	LRR-RLP	same
At_RLP32	LRR-RLP	Bcr	KAF3548035.1	75.243	206	649	852	1.96E-98	LRR-RLP	same
At_RPP2a	TNL	Bcr	KAF3596196.1	65.504	258	157	414	1.52E-98	NL	different
At_RPM1	NL	Bcr	KAF3528543.1	83.06	183	132	313	1.15E-98	NBS	different
At_RLP32	LRR-RLP	Bcr	KAF3551131.1	70.852	223	648	868	1.51E-103	LRR-RLP	same
Bna_Rlm9/4/7	Other-RLK	Bcr	KAF3518354.1	67.537	268	97	361	3.66E-106	Other-RLK	same
At_RPP2a	TNL	Bcr	KAF3578478.1	78.39	236	1065	1299	2.12E-106	TNL	same
At_RPP2a	TNL	Bcr	KAF3596191.1	65.799	269	147	414	6.88E-111	NL	different
At_RLP42	LRR-RLP	Bcr	KAF3551685.1	66.066	333	544	875	2.40E-134	LRR-RLP	same
At_RFO1	Other-RLK	Bcr	KAF3518354.1	67.879	330	433	750	1.66E-138	Other-RLK	same
At_RLP23	LRR-RLP	Bcr	KAF3551685.1	67.976	331	544	874	2.26E-141	LRR-RLP	same
At_NGR1b	RNL	Bcr	KAF3562989.1	60.766	418	406	815	2.58E-149	CNL	different
At_RLP1	LRR-RLP	Bcr	KAF3497647.1	63.728	397	567	959	1.44E-154	LRR-RLP	same
At_RFO1	Other-RLK	Bcr	KAF3611901.1	64.602	339	326	662	3.46E-155	Other-RLK	same
At_PBS1	Other-RLK	Bcr	KAF3550268.1	63.235	340	71	408	4.37E-156	Other-RLK	same
Bra_Crr1a	TNL	Bcr	KAF3611543.1	64.456	377	67	441	3.64E-159	TN	different
At_NGR1a	RNL	Bcr	KAF3562989.1	62.884	423	396	809	1.79E-159	CNL	different
At_RPP1	TNL	Bcr	KAF3611543.1	61.905	378	94	469	3.11E-161	TN	different
At_NGR1b	RNL	Bcr	KAF3597564.1	63.814	409	423	800	9.24E-162	CNL	different
At_NGR1a	RNL	Bcr	KAF3597564.1	64.461	408	421	794	3.56E-162	CNL	different
Bna_Rlm9/4/7	Other-RLK	Bcr	KAF3611901.1	69.806	361	344	695	1.82E-169	Other-RLK	same
At_RFO1	Other-RLK	Bcr	KAF3518354.1	64.198	405	355	747	7.15E-170	Other-RLK	same
Bra_cRa/cRb	TNL	Bcr	KAF3611543.1	60.465	430	74	501	2.18E-170	TN	different
At_NGR1b	RNL	Bcr	KAF3562989.1	67.133	429	192	593	3.91E-174	CNL	different
Bra_Crr1a	TNL	Bcr	KAF3611543.1	64.12	432	67	496	8.17E-178	TN	different
Bol_FocBo1	TNL	Bcr	KAF3596191.1	98.897	816	146	961	0	NL	different
Bna_Rlm9/4/7	Other-RLK	Bcr	KAF3518354.1	96.979	331	464	794	0	Other-RLK	same
At_BAK1	LRR-RLK	Bcr	KAF3593886.1	94.976	617	1	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Bcr	KAF3542856.1	94.595	518	98	615	0	LRR-RLK	same
Bna_Rlm9/4/7	Other-RLK	Bcr	KAF3518354.1	89.731	409	384	792	0	Other-RLK	same
Bna_LepR3/Rlm2	LRR-RLP	Bcr	KAF3565783.1	87.762	572	379	950	0	LRR-RLP	same
At_RPS2	NL	Bcr	KAF3531089.1	83.956	910	1	909	0	CNL	different
Bju_WRR1	CNL	Bcr	KAF3578869.1	82.834	501	406	904	0	NL	different
At_SOBR1	LRR-RLK	Bcr	KAF3549886.1	80.989	647	1	641	0	LRR-RLK	same
At_SOBR1	LRR-RLK	Bcr	KAF3576067.1	80.871	643	1	641	0	LRR-RLK	same
At_RFO1	Other-RLK	Bcr	KAF3516545.1	80.531	452	27	470	0	Other-RLK	same
At_FLS2	LRR-RLK	Bcr	KAF3565146.1	80.102	1176	1	1173	0	LRR-RLK	same
At_RFO2	LRR-RLP	Bcr	KAF3495711.1	79.383	519	222	740	0	LRR-RLP	same
At_BAK1	LRR-RLK	Bcr	KAF3516952.1	79.333	600	30	615	0	LRR-RLK	same
At_RPM1	NL	Bcr	KAF3528549.1	79.211	938	1	926	0	NL	same
At_BAK1	LRR-RLK	Bcr	KAF3520244.1	79	600	30	615	0	LRR-RLK	same
Bna_Rlm9/4/7	Other-RLK	Bcr	KAF3518354.1	78.995	657	1	655	0	Other-RLK	same
At_BAK1	LRR-RLK	Bcr	KAF3597752.1	78.824	595	22	615	0	LRR-RLK	same
At_RPP2b	TNL	Bcr	KAF3532444.1	78.493	730	465	1193	0	Other-NLR	different
At_RPS5	TNL	Bcr	KAF3496083.1	78.356	730	1	730	0	NL	different
At_BAK1	LRR-RLK	Bcr	KAF3543401.1	77.796	608	10	615	0	LRR-RLK	same
At_WRR12	TNL	Bcr	KAF3498111.1	77.732	723	340	1049	0	NL	different
At_NGR1a	RNL	Bcr	KAF3562989.1	76.765	779	1	771	0	CNL	different
At_SOBR1	LRR-RLK	Bcr	KAF3576064.1	76.361	643	1	641	0	LRR-RLK	same
At_RPS4	TNL	Bcr	KAF3564697.1	76.096	753	441	1192	0	NL	different
At_NGR1a	RNL	Bcr	KAF3562989.1	75.878	427	190	587	0	CNL	different
At_RFO3	Other-RLK	Bcr	KAF3609633.1	75.846	857	18	850	0	Other-RLK	same
At_RPP2a	TNL	Bcr	KAF3532444.1	72.937	824	479	1300	0	Other-NLR	different
At_RPP2b	TNL	Bcr	KAF3593075.1	71.784	1166	13	1175	0	TNL	same
At_RLP23	LRR-RLP	Bcr	KAF3575513.1	68.694	888	1	882	0	LRR-RLP	same
Bra_Crr1a	TNL	Bcr	KAF3544173.1	68.598	656	220	874	0	NL	different
At_RLP23	LRR-RLP	Bcr	KAF3580346.1	68.127	822	1	820	0	LRR-RLP	same
At_RLP42	LRR-RLP	Bcr	KAF3580346.1	68	825	1	822	0	LRR-RLP	same
At_RLP42	LRR-RLP	Bcr	KAF3575513.1	67.95	883	1	876	0	LRR-RLP	same
Bna_MPK9	Other-RLK	Bcr	KAF3609513.1	67.925	583	55	591	0	Other-RLK	same
At_RFO2	LRR-RLP	Bcr	KAF3605889.1	67.806	702	41	740	0	LRR-RLP	same
At_RFO2	LRR-RLP	Bcr	KAF3518269.1	67.733	719	20	737	0	LRR-RLK	different
Bna_Rlm9/4/7	Other-RLK	Bcr	KAF3516545.1	67.651	779	25	794	0	Other-RLK	same
At_RFO2	LRR-RLP	Bcr	KAF3497769.1	67.651	711	29	737	0	LRR-RLP	same
At_RPP2a	TNL	Bcr	KAF3528035.1	67.545	835	472	1300	0	TNL	same
At_RLM1b	TNL	Bcr	KAF3606819.1	66.197	852	164	1005	0	NL	different
At_RFO1	Other-RLK	Bcr	KAF3498694.1	65.931	725	7	719	0	Other-RLK	same
At_RLP23	LRR-RLP	Bcr	KAF3576309.1	65.576	703	182	881	0	LRR-RLP	same
Bju_WRR1	CNL	Bcr	KAF3596471.1	65.533	647	285	901	0	CNL	same
At_NGR1b	RNL	Bcr	KAF3562989.1	65.184	787	3	777	0	CNL	different
At_RLP32	LRR-RLP	Bcr	KAF3532641.1	64.56	728	114	840	0	LRR-RLP	same
At_RPP2b	TNL	Bcr	KAF3578478.1	64.531	1108	134	1193	0	TNL	same
At_RLP32	LRR-RLP	Bcr	KAF3532638.1	64.459	740	114	852	0	LRR-RLP	same
At_RLP32	LRR-RLP	Bcr	KAF3565783.1	64.374	567	292	853	0	LRR-RLP	same
At_RLP1	LRR-RLP	Bcr	KAF3497651.1	64.326	527	559	1076	0	LRR-RLP	same
At_RPS5	TNL	Bcr	KAF3611428.1	64.129	591	1	590	0	CNL	different
At_RFO1	Other-RLK	Bcr	KAF3498700.1	64.095	713	1	696	0	Other-RLK	same
Bna_Rlm9/4/7	Other-RLK	Bcr	KAF3549501.1	63.359	786	21	793	0	Other-RLK	same
At_RFO3	Other-RLK	Bcr	KAF3544714.1	63.14	879	74	850	0	Other-RLK	same
At_RLP42	LRR-RLP	Bcr	KAF3576309.1	62.817	710	182	888	0	LRR-RLP	same
At_RLP30	LRR-RLP	Bcr	KAF3546057.1	62.252	453	323	772	0	LRR-RLP	same
At_RPP13	CNL	Bcr	KAF3560565.1	61.687	569	205	755	0	NL	different

At_RFO1	Other-RLK	Bcr	KAF3498693.1	61.518	764	1	751	0	Other-RLK	same
Bra_Crr1a	TNL	Bcr	KAF3542303.1	61.139	790	220	975	0	NL	different
At_RLM1b	TNL	Bcr	KAF3564885.1	61.136	669	347	999	0	NL	different
Bju_WRR1	CNL	Bcr	KAF3596471.1	60.976	492	1	471	0	CNL	same
Bna_LepR3/Rlm2	LRR-RLP	Bcr	KAF3532638.1	60.761	762	176	937	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Bcr	KAF3532641.1	60.618	518	201	718	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Bcr	KAF3532641.1	60.54	778	152	927	0	LRR-RLP	same
At_RPS5	TNL	Bcr	KAF3498255.1	60.36	888	1	883	0	NL	different
At_RPS5	TNL	Bcr	KAF3497592.1	60.289	554	1	552	0	CNL	different
At_RPP7	NL	Cbp	Cbp19077	62.5	152	575	723	3.63E-48	NL	same
Bol_FocBo1	TNL	Cbp	Cbp34462	62.162	148	7	154	2.79E-50	TNL	same
At_RAC1	TNL	Cbp	Cbp34462	66.443	149	9	154	8.85E-54	TNL	same
At_WRR8	TNL	Cbp	Cbp34462	67.114	149	19	164	8.41E-57	TNL	same
At_RPP13	CNL	Cbp	Cbp11721	60.406	197	646	834	1.03E-60	NL	different
At_RPP7	NL	Cbp	Cbp13283	65.294	170	1	169	4.68E-62	NBS	different
At_RFO3	Other-RLK	Cbp	Cbp14207	60.326	184	510	693	1.24E-70	Other-RLK	same
At_RLP30	LRR-RLP	Cbp	Cbp2531	66.279	172	604	775	1.69E-74	LRR-RLP	same
Bol_FocBo1	TNL	Cbp	Cbp34461	60.256	234	5	238	4.66E-80	TNL	same
At_RAC1	TNL	Cbp	Cbp34461	68.201	239	3	238	4.93E-92	TNL	same
At_RFO3	Other-RLK	Cbp	Cbp22874	60.606	231	515	745	2.03E-93	Other-RLK	same
At_WRR8	TNL	Cbp	Cbp34461	67.47	249	9	254	1.74E-97	TNL	same
At_RPP1	TNL	Cbp	Cbp13366	63.306	248	94	341	4.55E-106	TN	different
At_WRR4b	TNL	Cbp	Cbp19430	63.424	257	14	269	7.98E-109	TN	different
At_RLM1b	TNL	Cbp	Cbp19430	64.591	257	13	268	3.48E-109	TN	different
At_NGR1b	RNL	Cbp	Cbp33510	64.982	277	539	815	3.17E-109	NL	different
At_RPP2a	TNL	Cbp	Cbp10076	60.692	318	98	414	5.46E-111	TNL	same
At_RLM1a	TNL	Cbp	Cbp19430	64.202	257	13	268	1.78E-111	TN	different
At_NGR1a	RNL	Cbp	Cbp33510	66.787	277	533	809	2.95E-112	NL	different
At_RPP2a	TNL	Cbp	Cbp2517	61.635	318	98	414	6.88E-114	TNL	same
At_NGR1b	RNL	Cbp	Cbp28794	66.426	277	539	815	1.48E-118	NL	different
At_NGR1a	RNL	Cbp	Cbp28794	67.509	277	533	809	1.01E-119	NL	different
Bju_WRR1	CNL	Cbp	Cbp47817	61.728	324	1	312	1.23E-127	CN	different
Bju_WRR1	CNL	Cbp	Cbp47816	61.728	324	1	312	1.23E-127	CN	different
At_RLP30	LRR-RLP	Cbp	Cbp5067	78.626	262	15	273	1.22E-130	LRR-RLP	same
At_WRR9	NL	Cbp	Cbp13417	60.247	405	13	416	5.36E-147	Other-NLR	different
At_RLM3	TN	Cbp	Cbp49279	60.448	402	58	450	6.31E-155	TNL	different
At_RLM3	TN	Cbp	Cbp45527	60.448	402	58	450	6.31E-155	TNL	different
At_RPP8	CNL	Cbp	Cbp47817	75.817	306	1	306	1.07E-155	CN	different
At_RPP8	CNL	Cbp	Cbp47816	75.817	306	1	306	1.07E-155	CN	different
At_RPP2a	TNL	Cbp	Cbp49279	68.245	359	56	414	4.87E-159	TNL	same
At_RPP2a	TNL	Cbp	Cbp45527	68.245	359	56	414	4.87E-159	TNL	same
Bna_Rlm9/4/7	Other-RLK	Cbp	Cbp23249	69.591	342	395	735	6.89E-165	Other-RLK	same
At_RLM1b	TNL	Cbp	Cbp13417	62.651	415	10	424	1.40E-166	Other-NLR	different
Bna_Rlm9/4/7	Other-RLK	Cbp	Cbp41731	69.477	344	395	737	2.06E-167	Other-RLK	same
At_RLM1a	TNL	Cbp	Cbp13417	63.438	413	12	424	3.49E-168	Other-NLR	different
At_RPP13	CNL	Cbp	Cbp11721	70.492	366	227	574	1.88E-171	NL	different
At_WRR4b	TNL	Cbp	Cbp13132	61.268	426	63	485	6.06E-173	TNL	same
At_WRR4a	TNL	Cbp	Cbp13417	65.7	414	8	421	7.03E-178	Other-NLR	different
At_BAK1	LRR-RLK	Cbp	Cbp38634	98.537	615	1	615	0	LRR-RLK	same
At_FLS2	LRR-RLK	Cbp	Cbp34449	89.316	1170	1	1167	0	LRR-RLK	same
At_SOBR1	LRR-RLK	Cbp	Cbp6725	88.509	644	1	641	0	LRR-RLK	same
At_FLS2	LRR-RLK	Cbp	Cbp26999	88.13	1171	1	1167	0	LRR-RLK	same
At_RFO1	Other-RLK	Cbp	Cbp27992	87.203	758	1	751	0	Other-RLK	same
At_RFO1	Other-RLK	Cbp	Cbp9961	86.508	756	1	751	0	Other-RLK	same
At_RLP1	LRR-RLP	Cbp	Cbp34170	86.124	1081	1	1077	0	LRR-RLP	same
At_RLP1	LRR-RLP	Cbp	Cbp36183	85.939	1081	1	1077	0	LRR-RLP	same
At_RLP1	LRR-RLP	Cbp	Cbp28518	85.939	1081	1	1077	0	LRR-RLP	same
At_RPS2	NL	Cbp	Cbp37986	85.919	909	1	909	0	NL	same
At_RPS2	NL	Cbp	Cbp5868	85.699	909	1	909	0	NL	same
At_RLP32	LRR-RLP	Cbp	Cbp9533	84.517	859	1	852	0	LRR-RLP	same
At_RLP32	LRR-RLP	Cbp	Cbp7339	84.517	859	1	852	0	LRR-RLP	same
At_RPM1	NL	Cbp	Cbp31703	84.499	929	1	926	0	NL	same
At_RLP32	LRR-RLP	Cbp	Cbp5035	84.465	869	1	867	0	LRR-RLP	same
At_RLP30	LRR-RLP	Cbp	Cbp9505	84.037	758	30	786	0	LRR-RLP	same
At_ADR1	NL	Cbp	Cbp47963	83.312	791	1	787	0	NL	same
At_ADR1	NL	Cbp	Cbp14253	83.312	791	1	787	0	NL	same
At_ADR1	NL	Cbp	Cbp47529	83.059	791	1	787	0	NL	same
At_NGR1a	RNL	Cbp	Cbp28795	82.432	814	1	809	0	CNL	different
At_NGR1a	RNL	Cbp	Cbp33511	81.818	814	1	809	0	CNL	different
At_BAK1	LRR-RLK	Cbp	Cbp20587	81.489	470	146	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Cbp	Cbp116	81.489	470	146	615	0	LRR-RLK	same
Bna_MPK9	Other-RLK	Cbp	Cbp28457	80.723	332	73	402	0	Other-RLK	same
At_BAK1	LRR-RLK	Cbp	Cbp40474	80.693	606	13	615	0	LRR-RLK	same
At_RPP8	CNL	Cbp	Cbp8106	80.176	908	1	907	0	CNL	same
At_BAK1	LRR-RLK	Cbp	Cbp14007	79.865	591	30	607	0	LRR-RLK	same
At_BAK1	LRR-RLK	Cbp	Cbp14006	79.865	591	30	607	0	LRR-RLK	same
At_BAK1	LRR-RLK	Cbp	Cbp47224	79.504	605	24	615	0	LRR-RLK	same
At_RLP42	LRR-RLP	Cbp	Cbp45770	79.064	855	24	877	0	LRR-RLP	same
At_RFO3	Other-RLK	Cbp	Cbp19547	78.356	864	1	850	0	Other-RLK	same
At_RLP42	LRR-RLP	Cbp	Cbp36944	78.207	881	1	880	0	LRR-RLP	same
At_RLP42	LRR-RLP	Cbp	Cbp36941	78.19	862	17	877	0	LRR-RLP	same
At_RLP42	LRR-RLP	Cbp	Cbp36938	77.929	879	1	877	0	LRR-RLP	same
At_RLP42	LRR-RLP	Cbp	Cbp45769	77.929	879	1	877	0	LRR-RLP	same
At_RLP42	LRR-RLP	Cbp	Cbp36940	77.378	862	17	877	0	LRR-RLP	same
At_WRR4b	TNL	Cbp	Cbp19202	76.562	1088	11	1091	0	TNL	same
At_RLP23	LRR-RLP	Cbp	Cbp1801	75.754	796	95	890	0	LRR-RLP	same

At_WRR4b	TNL	Cbp	Cbp13410	75.678	1069	11	1072	0	TNL	same
At_RFO1	Other-RLK	Cbp	Cbp41731	73.913	345	364	707	0	Other-RLK	same
At_WRR9	NL	Cbp	Cbp14210	73.433	1005	4	1002	0	TNL	different
At_RFO1	Other-RLK	Cbp	Cbp23249	73.333	345	364	707	0	Other-RLK	same
At_RPP39	CNL	Cbp	Cbp33720	72.547	856	22	870	0	CNL	same
At_RPP39	CNL	Cbp	Cbp16103	71.971	842	42	870	0	CNL	same
At_RLM1a	TNL	Cbp	Cbp9286	71.945	1023	4	997	0	TNL	same
At_RPP39	CNL	Cbp	Cbp33711	71.833	884	1	870	0	CNL	same
At_RPP39	CNL	Cbp	Cbp46917	71.38	884	1	870	0	CNL	same
At_RPP7	NL	Cbp	Cbp19065	71.038	877	1	866	0	NL	same
At_RPP13	CNL	Cbp	Cbp39590	70.839	799	40	826	0	NL	different
At_RFO2	LRR-RLP	Cbp	Cbp50262	70.596	721	19	737	0	LRR-RLK	different
Bna_Rlm9/4/7	Other-RLK	Cbp	Cbp19342	70.565	744	24	756	0	Other-RLK	same
At_RPP8	CNL	Cbp	Cbp51186	70.556	917	1	907	0	CNL	same
At_RPP8	CNL	Cbp	Cbp51187	70.556	917	1	907	0	CNL	same
At_RLP23	LRR-RLP	Cbp	Cbp6654	70.514	875	17	890	0	LRR-RLP	same
At_RFO2	LRR-RLP	Cbp	Cbp47177	70.411	730	13	737	0	LRR-RLK	different
At_RLM1b	TNL	Cbp	Cbp42255	70.397	831	1	827	0	TNL	same
At_WRR4b	TNL	Cbp	Cbp13417	70.388	412	13	424	0	Other-NLR	different
At_RPP13	CNL	Cbp	Cbp39607	70.035	861	1	830	0	NL	different
At_RPP39	CNL	Cbp	Cbp33710	69.839	746	146	877	0	NL	different
At_WRR9	NL	Cbp	Cbp9219	69.544	1008	4	1002	0	TNL	different
Bna_Rlm9/4/7	Other-RLK	Cbp	Cbp3356	69.4	683	1	680	0	Other-RLK	same
At_NGR1b	RNL	Cbp	Cbp28795	69.315	818	5	812	0	CNL	different
At_NGR1b	RNL	Cbp	Cbp33511	68.949	818	5	812	0	CNL	different
Bna_Rlm9/4/7	Other-RLK	Cbp	Cbp13171	68.455	783	24	794	0	Other-RLK	same
Bna_Rlm9/4/7	Other-RLK	Cbp	Cbp3357	68.356	809	4	794	0	Other-RLK	same
At_RLM1b	TNL	Cbp	Cbp9286	68.288	473	5	469	0	TNL	same
At_RPP8	CNL	Cbp	Cbp46346	68.271	914	1	908	0	CNL	same
At_RPP39	CNL	Cbp	Cbp46906	68.212	604	121	719	0	NL	different
Bna_Rlm9/4/7	Other-RLK	Cbp	Cbp25638	68.129	775	29	794	0	Other-RLK	same
At_RLP23	LRR-RLP	Cbp	Cbp45770	67.757	856	25	879	0	LRR-RLP	same
At_RPP8	CNL	Cbp	Cbp53094	67.724	914	1	908	0	CNL	same
Bol_FocBo1	TNL	Cbp	Cbp49279	67.208	924	9	928	0	TNL	same
Bol_FocBo1	TNL	Cbp	Cbp45527	67.208	924	9	928	0	TNL	same
At_RLP23	LRR-RLP	Cbp	Cbp36940	66.744	863	18	879	0	LRR-RLP	same
At_RLP42	LRR-RLP	Cbp	Cbp6654	66.667	867	19	880	0	LRR-RLP	same
Bra_Crr1a	TNL	Cbp	Cbp3036	66.667	522	68	585	0	TN	different
At_RLP23	LRR-RLP	Cbp	Cbp45769	66.514	872	18	887	0	LRR-RLP	same
At_RLP23	LRR-RLP	Cbp	Cbp36944	66.441	888	1	887	0	LRR-RLP	same
At_RLM1b	TNL	Cbp	Cbp9263	66.37	1011	1	998	0	TNL	same
At_RPP1	TNL	Cbp	Cbp39404	65.97	1196	1	1163	0	TNL	same
At_RPP39	CNL	Cbp	Cbp33712	65.863	539	359	870	0	NL	different
At_RLM1a	TNL	Cbp	Cbp24904	65.857	659	44	701	0	TNL	same
At_RPP39	CNL	Cbp	Cbp46916	65.677	539	359	870	0	NL	different
At_RPP1	TNL	Cbp	Cbp39399	65.665	932	248	1170	0	NL	different
At_RPP8	CNL	Cbp	Cbp19189	65.646	914	1	908	0	CNL	same
At_RLP42	LRR-RLP	Cbp	Cbp1801	65.57	790	95	880	0	LRR-RLP	same
At_RPP7	NL	Cbp	Cbp19079	65.448	547	1	545	0	NBS	different
At_RPS4	TNL	Cbp	Cbp29527	65.381	1141	11	1139	0	TNL	same
At_RPS4	TNL	Cbp	Cbp26861	65.381	1141	11	1139	0	TNL	same
At_RLP23	LRR-RLP	Cbp	Cbp36938	65.354	889	1	887	0	LRR-RLP	same
At_RPP7	NL	Cbp	Cbp13280	65.265	547	1	545	0	NBS	different
At_RFO1	Other-RLK	Cbp	Cbp41733	64.993	737	1	718	0	Other-RLK	same
At_WRR12	TNL	Cbp	Cbp48776	64.819	992	1	989	0	TNL	same
At_WRR12	TNL	Cbp	Cbp52775	64.819	992	1	989	0	TNL	same
At_RPS4	TNL	Cbp	Cbp45533	64.778	1147	5	1139	0	TNL	same
At_WRR12	TNL	Cbp	Cbp48777	64.563	1030	1	1021	0	TNL	same
At_WRR12	TNL	Cbp	Cbp52774	64.563	1030	1	1021	0	TNL	same
At_RLP23	LRR-RLP	Cbp	Cbp36941	64.524	871	18	887	0	LRR-RLP	same
At_RPP1	TNL	Cbp	Cbp11528	64.502	1124	70	1163	0	TNL	same
At_WRR12	TNL	Cbp	Cbp47916	64.039	1015	12	1021	0	TNL	same
At_WRR12	TNL	Cbp	Cbp47917	64.016	1031	1	1021	0	TNL	same
At_RPS5	TNL	Cbp	Cbp51318	63.995	886	1	884	0	CNL	different
At_RPP1	TNL	Cbp	Cbp39406	63.949	1104	125	1163	0	TNL	same
At_RFO1	Other-RLK	Cbp	Cbp23247	63.946	735	1	718	0	Other-RLK	same
At_RLP23	LRR-RLP	Cbp	Cbp1830	63.75	720	175	889	0	LRR-RLP	same
At_RPP1	TNL	Cbp	Cbp11527	63.71	992	94	1033	0	TNL	same
Bna_LepR3/Rlm2	LRR-RLP	Cbp	Cbp5035	63.709	755	204	949	0	LRR-RLP	same
At_RLM1b	TNL	Cbp	Cbp24904	63.554	664	44	706	0	TNL	same
At_RPS5	TNL	Cbp	Cbp47695	63.431	886	1	884	0	CNL	different
Bna_LepR3/Rlm2	LRR-RLP	Cbp	Cbp40390	63.283	926	27	948	0	LRR-RLP	same
At_WRR4b	TNL	Cbp	Cbp9286	63.265	490	5	484	0	TNL	same
At_RLP23	LRR-RLP	Cbp	Cbp6620	63.194	720	175	889	0	LRR-RLP	same
At_ADR1	NL	Cbp	Cbp16664	63.054	812	6	787	0	NL	same
At_RRS1	TNL	Cbp	Cbp45534	63.016	1333	8	1277	0	NL	different
At_RRS1	TNL	Cbp	Cbp26860	62.941	1333	8	1277	0	TNL	same
At_RFO1	Other-RLK	Cbp	Cbp23248	62.905	771	14	751	0	Other-RLK	same
At_WRR4b	TNL	Cbp	Cbp9266	62.709	1019	1	1004	0	Other-NLR	different
At_WRR9	NL	Cbp	Cbp42255	62.696	831	4	832	0	TNL	different
At_ADR1	NL	Cbp	Cbp17170	62.685	812	6	787	0	NL	same
At_RPP1	TNL	Cbp	Cbp11526	62.585	1176	24	1163	0	Other-NLR	different
At_RLM1a	TNL	Cbp	Cbp25968	62.574	847	164	997	0	NL	different
At_RLP32	LRR-RLP	Cbp	Cbp20439	62.225	908	1	850	0	LRR-RLP	same
At_RFO1	Other-RLK	Cbp	Cbp41732	62.194	775	10	751	0	Other-RLK	same
At_RLP32	LRR-RLP	Cbp	Cbp20445	62.115	908	1	853	0	LRR-RLP	same

At_WRR4a	TNL	Cbp	Cbp19202	62.076	1002	9	1004	0	TNL	same
At_WRR4b	TNL	Cbp	Cbp13411	62.075	1060	3	1058	0	TNL	same
Bna_LepR3/Rlm2	LRR-RLP	Cbp	Cbp9533	62.037	756	204	943	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Cbp	Cbp7339	62.037	756	204	943	0	LRR-RLP	same
At_RLP32	LRR-RLP	Cbp	Cbp15925	61.894	908	1	850	0	LRR-RLP	same
Bju_WRR1	CNL	Cbp	Cbp8106	61.623	912	1	900	0	CNL	same
At_RLP42	LRR-RLP	Cbp	Cbp1830	61.581	721	182	889	0	LRR-RLP	same
At_RLP42	LRR-RLP	Cbp	Cbp6620	61.581	721	182	889	0	LRR-RLP	same
At_WRR4b	TNL	Cbp	Cbp24904	61.573	661	45	703	0	TNL	same
At_WRR4a	TNL	Cbp	Cbp19203	61.531	993	9	1000	0	TNL	same
At_WRR4b	TNL	Cbp	Cbp19203	61.438	1071	11	1058	0	TNL	same
At_RLP42	LRR-RLP	Cbp	Cbp36942	61.31	641	60	644	0	LRR-RLP	same
At_RLM1b	TNL	Cbp	Cbp14210	61.22	1016	1	997	0	TNL	same
At_RPP7	NL	Cbp	Cbp52173	61.151	556	1	554	0	CN	different
At_RLM1a	TNL	Cbp	Cbp9251	61.072	858	44	896	0	TNL	same
At_WRR4a	TNL	Cbp	Cbp13411	61.022	998	2	998	0	TNL	same
At_RLM1a	TNL	Cbp	Cbp51486	60.99	1010	1	996	0	TNL	same
At_WRR9	NL	Cbp	Cbp24904	60.968	661	48	707	0	TNL	different
At_RAC1	TNL	Cbp	Cbp26994	60.953	1196	8	1128	0	TNL	same
At_RPP8	CNL	Cbp	Cbp45210	60.914	875	1	867	0	NL	different
At_WRR4a	TNL	Cbp	Cbp19206	60.863	626	9	631	0	TNL	same
At_RLP30	LRR-RLP	Cbp	Cbp10100	60.708	537	255	786	0	LRR-RLP	same
Bju_WRR1	CNL	Cbp	Cbp46346	60.706	906	1	900	0	CNL	same
At_WRR4b	TNL	Cbp	Cbp19206	60.685	613	11	621	0	TNL	same
At_RLM1a	TNL	Cbp	Cbp42255	60.621	838	1	837	0	TNL	same
Bju_WRR1	CNL	Cbp	Cbp53094	60.486	906	1	900	0	CNL	same
At_WRR4a	TNL	Cbp	Cbp13410	60.379	1002	9	1004	0	TNL	same
At_WRR8	TNL	Cbp	Cbp34462	60.361	1163	15	1135	0	TNL	same
At_WRR4b	TNL	Cbp	Cbp13253	60.227	968	1	956	0	TNL	same
At_RLM1a	TNL	Cbp	Cbp9263	60.199	1005	1	995	0	TNL	same
At_RPP8	CNL	Cbp	Cbp520	60.137	873	1	867	0	NL	different
At_RPP8	CNL	Cbp	Cbp6345	60.137	873	1	867	0	NL	different
At_RPP8	CNL	Cbp	Cbp519	60.137	873	1	867	0	NL	different
At_WRR9	NL	Cbp	Cbp9263	60.039	1021	4	1010	0	TNL	different
Bol_FocBo1	TNL	Cru	Carubv10028353m	60.135	148	7	154	1.24E-50	TX	different
At_RLM1b	TNL	Cru	Carubv10006532m	60.759	158	1	157	6.84E-55	TX	different
At_RPP1	TNL	Cru	Carubv10025905m	63.226	155	275	429	6.44E-58	NL	different
At_RLM1a	TNL	Cru	Carubv10006532m	63.291	158	1	157	4.89E-58	TX	different
Bra_Crr1a	TNL	Cru	Carubv10019460m	64	150	65	214	3.91E-58	Other-NLR	different
Bra_Crr1a	TNL	Cru	Carubv10025905m	67.097	155	247	401	7.86E-62	NL	different
At_RPP1	TNL	Cru	Carubv10005833m	61.272	173	97	269	3.72E-68	TX	different
At_WRR9	NL	Cru	Carubv10005833m	62.791	172	17	188	4.53E-69	TX	different
At_RLM1b	TNL	Cru	Carubv10021492m	65.823	158	1	158	2.67E-69	TX	different
At_RLM1b	TNL	Cru	Carubv10005833m	66.279	172	13	184	3.29E-73	TX	different
At_RLM1a	TNL	Cru	Carubv10021492m	68.354	158	1	158	2.81E-73	TX	different
At_WRR4a	TNL	Cru	Carubv10005833m	63.934	183	1	183	2.09E-73	TX	different
At_WRR4a	TNL	Cru	Carubv10021492m	73.418	158	1	157	1.37E-76	TX	different
At_RPP1	TNL	Cru	Carubv10019460m	80.795	151	92	242	2.81E-77	Other-NLR	different
At_WRR4b	TNL	Cru	Carubv10005833m	66.286	175	11	185	1.58E-77	TX	different
At_RLM1a	TNL	Cru	Carubv10005833m	65.714	175	10	184	1.35E-77	TX	different
At_WRR4b	TNL	Cru	Carubv10021492m	75.159	157	3	159	9.92E-82	TX	different
At_NGR1b	RNL	Cru	Carubv10028036m	66.426	277	539	815	8.09E-119	NL	different
At_NGR1a	RNL	Cru	Carubv10028036m	67.509	277	533	809	5.53E-120	NL	different
At_RPP39	CNL	Cru	Carubv10021673m	67.268	388	323	705	1.92E-153	NL	different
At_RLM3	TN	Cru	Carubv10025753m	60.448	402	58	450	3.24E-155	TNL	different
At_RPP2a	TNL	Cru	Carubv10025432m	63.325	409	7	414	3.63E-156	TNL	same
At_RPP2a	TNL	Cru	Carubv10025753m	68.245	359	56	414	2.92E-159	TNL	same
At_RPP2a	TNL	Cru	Carubv10004008m	63.659	410	7	414	8.32E-165	TNL	same
Bna_Rlm9/4/7	Other-RLK	Cru	Carubv10009505m	69.591	342	395	735	3.63E-165	Other-RLK	same
At_RPP4	TNL	Cru	Carubv10004008m	64.352	432	676	1105	3.94E-169	TNL	same
At_BAK1	LRR-RLK	Cru	Carubv10006936m	98.537	615	1	615	0	LRR-RLK	same
At_PBS1	Other-RLK	Cru	Carubv10000618m	98.026	456	1	456	0	Other-RLK	same
At_FLS2	LRR-RLK	Cru	Carubv10025764m	90.235	1147	23	1167	0	LRR-RLK	same
At_SOBI1	LRR-RLK	Cru	Carubv10025406m	88.043	644	1	641	0	LRR-RLK	same
At_RPS4	TNL	Cru	Carubv10025757m	85.115	1216	1	1199	0	TNL	same
At_ADR1	NL	Cru	Carubv10008348m	83.439	791	1	787	0	NL	same
At_NGR1a	RNL	Cru	Carubv10027991m	82.432	814	1	809	0	CNL	different
At_BAK1	LRR-RLK	Cru	Carubv10013676m	81.798	456	160	615	0	LRR-RLK	same
At_RRS1	TNL	Cru	Carubv10025742m	81.081	1295	1	1277	0	TNL	same
At_BAK1	LRR-RLK	Cru	Carubv10013244m	79.935	618	1	615	0	LRR-RLK	same
At_RPP8	CNL	Cru	Carubv10025854m	79.736	908	1	907	0	CNL	same
At_BAK1	LRR-RLK	Cru	Carubv10019969m	79.504	605	24	615	0	LRR-RLK	same
At_RFO3	Other-RLK	Cru	Carubv10015398m	76.539	861	1	850	0	Other-RLK	same
At_BAK1	LRR-RLK	Cru	Carubv10011846m	76.214	618	10	615	0	LRR-RLK	same
At_RPP2b	TNL	Cru	Carubv10006430m	76.155	1212	1	1207	0	TNL	same
At_RPP2a	TNL	Cru	Carubv10007493m	74.466	889	409	1275	0	TNL	same
At_RPP39	CNL	Cru	Carubv10020008m	74.322	479	146	624	0	NL	different
At_RFO1	Other-RLK	Cru	Carubv10009505m	73.333	345	364	707	0	Other-RLK	same
At_RPP8	CNL	Cru	Carubv10027796m	72.827	909	1	907	0	CNL	same
At_RPP8	CNL	Cru	Carubv10004109m	72.527	910	1	907	0	CNL	same
At_RPP7	NL	Cru	Carubv10019742m	72.299	870	1	866	0	NL	same
At_RPP7	NL	Cru	Carubv10019741m	72.299	870	1	866	0	NL	same
At_RPP39	CNL	Cru	Carubv10019775m	72.241	879	1	870	0	CNL	same
At_WRR8	TNL	Cru	Carubv10027634m	71.959	1159	20	1139	0	TNL	same
At_RPP39	CNL	Cru	Carubv10019842m	71.68	738	146	870	0	NL	different
At_RPP39	CNL	Cru	Carubv10019789m	71.395	846	42	874	0	CNL	same

Bna_Rlm9/4/7	Other-RLK	Cru	Carubv10013039m	71.35	726	22	737	0	Other-RLK	same
At_RFO1	Other-RLK	Cru	Carubv10008263m	71.076	446	308	751	0	Other-RLK	same
At_RPP8	CNL	Cru	Carubv10028494m	70.82	915	1	908	0	CNL	same
At_RPP39	CNL	Cru	Carubv10019851m	70.777	746	146	877	0	NL	different
At_RPP39	CNL	Cru	Carubv10019773m	70.535	879	1	870	0	CNL	same
At_RPP13	CNL	Cru	Carubv10018962m	70.525	838	1	826	0	NL	different
At_RPP8	CNL	Cru	Carubv10008215m	70.229	917	1	907	0	CNL	same
At_RAC1	TNL	Cru	Carubv10027634m	69.509	1161	9	1156	0	TNL	same
At_RFO2	LRR-RLP	Cru	Carubv10022303m	69.501	741	13	748	0	LRR-RLK	different
At_NGR1b	RNL	Cru	Carubv10027991m	69.315	818	5	812	0	CNL	different
Bna_Rlm9/4/7	Other-RLK	Cru	Carubv10021418m	68.992	645	29	669	0	Other-RLK	same
At_RPP8	CNL	Cru	Carubv10008267m	68.531	912	1	906	0	CNL	same
At_RPP39	CNL	Cru	Carubv10019908m	68.175	707	176	874	0	NL	different
Bna_Rlm9/4/7	Other-RLK	Cru	Carubv10019823m	67.98	812	1	794	0	Other-RLK	same
Bol_FocBo1	TNL	Cru	Carubv10025753m	67.208	924	9	928	0	TNL	same
At_RPP7	NL	Cru	Carubv10022028m	66.858	872	1	866	0	NL	same
At_RPP8	CNL	Cru	Carubv10019753m	65.864	914	1	908	0	CNL	same
At_WRR12	TNL	Cru	Carubv10004054m	64.819	992	1	989	0	TNL	same
At_RPS4	TNL	Cru	Carubv10025767m	64.778	1147	5	1139	0	TNL	same
At_RPS4	TNL	Cru	Carubv10025765m	64.778	1147	5	1139	0	TNL	same
At_RPS4	TNL	Cru	Carubv10025766m	64.778	1147	5	1139	0	TNL	same
At_WRR12	TNL	Cru	Carubv10004053m	64.563	1030	1	1021	0	TNL	same
At_RPS4	TNL	Cru	Carubv10025769m	64.516	1147	5	1139	0	TNL	same
Bna_Rlm9/4/7	Other-RLK	Cru	Carubv10008562m	64.172	441	359	793	0	Other-RLK	same
At_RPS5	TNL	Cru	Carubv10012293m	63.995	886	1	884	0	CNL	different
At_RFO1	Other-RLK	Cru	Carubv10008430m	63.946	735	1	718	0	Other-RLK	same
At_RPP5	TNL	Cru	Carubv10004008m	63.844	874	6	847	0	TNL	same
At_RPP7	NL	Cru	Carubv10021896m	63.543	875	1	869	0	NL	same
At_RRS1	TNL	Cru	Carubv10025744m	63.213	1332	8	1277	0	TNL	same
At_ADR1	NL	Cru	Carubv10000246m	62.685	812	6	787	0	NL	same
At_RPS5	TNL	Cru	Carubv10008409m	61.757	740	149	883	0	NL	different
Bna_Rlm9/4/7	Other-RLK	Cru	Carubv10008263m	61.674	454	344	793	0	Other-RLK	same
At_RPP8	CNL	Cru	Carubv10022213m	61.588	781	1	774	0	CNL	same
Bju_WRR1	CNL	Cru	Carubv10025854m	61.294	912	1	900	0	CNL	same
At_RPS5	TNL	Cru	Carubv10008383m	61.227	766	123	883	0	NL	different
Bju_WRR1	CNL	Cru	Carubv10008267m	61.038	906	1	900	0	CNL	same
At_RPP7	NL	Cru	Carubv10019978m	60.548	621	1	615	0	CNL	different
At_RPP7	NL	Cru	Carubv10021618m	60.426	892	4	866	0	CNL	different
At_RPP8	CNL	Cru	Carubv10007066m	60.367	873	1	867	0	NL	different
At_RPP1	TNL	Cru	Carubv10007991m	60.248	888	363	1163	0	NL	different
Bol_FocBo1	TNL	Cru	Carubv10004008m	60.177	904	7	902	0	TNL	same
At_RPS5	TNL	Cru	Carubv10020008m	60.166	482	148	629	0	NL	different
At_RLM1b	TNL	Esa	Thhalv10027706m	61.486	148	532	679	3.84E-51	TNL	same
At_WRR9	NL	Esa	Thhalv10027706m	62.838	148	533	680	8.76E-52	TNL	different
At_RLM1b	TNL	Esa	Thhalv10028273m	60.135	148	1	148	4.73E-54	TX	different
At_RPP5	TNL	Esa	Thhalv10027748m	61.818	165	14	178	3.75E-57	Other-NLR	different
At_RPP5	TNL	Esa	Thhalv10027751m	61.818	165	14	178	3.66E-57	TX	different
At_RPP5	TNL	Esa	Thhalv10027752m	62.424	165	14	178	1.61E-57	TX	different
At_RPP5	TNL	Esa	Thhalv10027754m	62.424	165	14	178	1.57E-57	TX	different
At_RPP5	TNL	Esa	Thhalv10027802m	61.818	165	14	178	1.41E-58	TX	different
At_RPP4	TNL	Esa	Thhalv10026484m	60.927	151	93	243	6.36E-59	TN	different
At_RPP2a	TNL	Esa	Thhalv10026484m	60.667	150	91	240	1.01E-59	TN	different
At_RLM1b	TNL	Esa	Thhalv10027748m	61.35	163	14	176	7.44E-60	Other-NLR	different
At_RLM1b	TNL	Esa	Thhalv10027751m	61.35	163	14	176	6.41E-60	TX	different
Bol_FocBo1	TNL	Esa	Thhalv10027748m	60.87	161	12	172	4.13E-60	Other-NLR	different
Bol_FocBo1	TNL	Esa	Thhalv10027751m	60.87	161	12	172	3.73E-60	TX	different
At_RLM1b	TNL	Esa	Thhalv10027802m	61.35	163	14	176	1.30E-60	TX	different
At_WRR4a	TNL	Esa	Thhalv10027748m	60.119	168	14	181	9.04E-61	Other-NLR	different
At_WRR4a	TNL	Esa	Thhalv10027751m	60.119	168	14	181	9.00E-61	TX	different
Bol_FocBo1	TNL	Esa	Thhalv10027802m	60.87	161	12	172	7.66E-61	TX	different
At_RPP1	TNL	Esa	Thhalv10027752m	60.87	161	100	260	6.69E-61	TX	different
At_RPP1	TNL	Esa	Thhalv10027748m	61.491	161	100	260	6.51E-61	Other-NLR	different
At_RPP1	TNL	Esa	Thhalv10027751m	61.491	161	100	260	6.29E-61	TX	different
At_RPP1	TNL	Esa	Thhalv10027754m	60.87	161	100	260	5.83E-61	TX	different
Bra_Crr1a	TNL	Esa	Thhalv10027748m	61.491	161	72	232	3.77E-61	Other-NLR	different
Bra_Crr1a	TNL	Esa	Thhalv10027751m	61.491	161	72	232	3.44E-61	TX	different
At_RPP5	TNL	Esa	Thhalv10026484m	63.636	154	92	245	1.98E-61	TN	different
At_WRR4a	TNL	Esa	Thhalv10027802m	60.119	168	14	181	1.80E-61	TX	different
At_RPP1	TNL	Esa	Thhalv10027802m	61.491	161	100	260	1.65E-61	TX	different
Bra_Crr1a	TNL	Esa	Thhalv10027802m	61.491	161	72	232	1.04E-61	TX	different
At_RLM1a	TNL	Esa	Thhalv10027748m	60.479	167	16	182	2.93E-62	Other-NLR	different
At_RLM1a	TNL	Esa	Thhalv10027751m	60.479	167	16	182	2.89E-62	TX	different
Bra_Crr1a	TNL	Esa	Thhalv10027752m	62.112	161	72	232	8.19E-63	TX	different
Bra_Crr1a	TNL	Esa	Thhalv10027754m	62.112	161	72	232	8.06E-63	TX	different
At_RLM1a	TNL	Esa	Thhalv10027752m	60.355	169	16	184	6.69E-63	TX	different
At_RLM3	TN	Esa	Thhalv10026484m	62.667	150	89	238	6.34E-63	TN	same
At_RLM1a	TNL	Esa	Thhalv10027754m	60.355	169	16	184	6.09E-63	TX	different
At_RLM1a	TNL	Esa	Thhalv10027802m	60.479	167	16	182	4.85E-63	TX	different
At_WRR4a	TNL	Esa	Thhalv10027752m	61.176	170	14	183	1.97E-63	TX	different
At_WRR4a	TNL	Esa	Thhalv10027754m	61.176	170	14	183	1.92E-63	TX	different
At_WRR4b	TNL	Esa	Thhalv10027748m	63.58	162	16	177	4.91E-65	Other-NLR	different
At_WRR4b	TNL	Esa	Thhalv10027751m	63.58	162	16	177	4.74E-65	TX	different
At_RPP2a	TNL	Esa	Thhalv10024445m	69.091	165	250	414	1.77E-65	NL	different
At_RLM3	TN	Esa	Thhalv10024445m	60.106	188	248	427	1.34E-65	NL	different
At_WRR4b	TNL	Esa	Thhalv10027802m	63.58	162	16	177	1.29E-65	TX	different
At_WRR4b	TNL	Esa	Thhalv10027752m	62.353	170	16	185	8.69E-66	TX	different

At_WRR4b	TNL	Esa	Thhalv10027754m	62.353	170	16	185	8.32E-66	TX	different
Bra_cRa/cRb	TNL	Esa	Thhalv10011769m	61.765	204	16	219	1.01E-66	TX	different
Bol_FocBo1	TNL	Esa	Thhalv10026484m	76.667	150	91	240	4.82E-76	TN	different
At_RLP32	LRR-RLP	Esa	Thhalv10003118m	60.417	240	614	853	3.08E-77	LRR-RLP	same
At_RAC1	TNL	Esa	Thhalv10028756m	62.866	307	146	451	2.96E-112	NBS	different
At_WRR8	TNL	Esa	Thhalv10028756m	60.991	323	156	477	5.46E-119	NBS	different
At_RPP2a	TNL	Esa	Thhalv10019465m	60.399	351	66	414	1.27E-132	TNL	same
At_RLP32	LRR-RLP	Esa	Thhalv10000552m	60.513	390	478	854	1.64E-137	LRR-RLP	same
At_RPP39	CNL	Esa	Thhalv10023842m	61.347	401	479	870	6.34E-143	LRR-RLP	different
At_RPP2a	TNL	Esa	Thhalv10026940m	60.145	414	1	414	4.18E-151	TN	different
At_WRR4b	TNL	Esa	Thhalv10000509m	64.467	394	11	402	1.04E-168	TN	different
At_NGR1b	RNL	Esa	Thhalv10005517m	61.717	431	391	815	1.78E-170	NL	different
At_RLM1a	TNL	Esa	Thhalv10000509m	64.573	398	10	406	2.30E-174	TN	different
At_WRR9	NL	Esa	Thhalv10000509m	63.747	411	4	407	1.97E-174	TN	different
At_BAK1	LRR-RLK	Esa	Thhalv10024694m	95.935	615	1	615	0	LRR-RLK	same
At_RFO1	Other-RLK	Esa	Thhalv10018175m	87.484	759	1	751	0	Other-RLK	same
At_RPS2	NL	Esa	Thhalv10024353m	86.374	910	1	909	0	CNL	different
At_RPM1	NL	Esa	Thhalv10020008m	83.746	929	1	926	0	NL	same
At_FLS2	LRR-RLK	Esa	Thhalv10000746m	82.165	1155	23	1173	0	LRR-RLK	same
At_SOBR1	LRR-RLK	Esa	Thhalv10016374m	81.182	643	1	641	0	LRR-RLK	same
At_BAK1	LRR-RLK	Esa	Thhalv10019435m	79.833	600	29	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Esa	Thhalv10007069m	78.477	604	24	615	0	LRR-RLK	same
At_NGR1a	RNL	Esa	Thhalv10003662m	78.022	819	1	809	0	CNL	different
At_RLP42	LRR-RLP	Esa	Thhalv10010006m	73.576	878	1	876	0	LRR-RLP	same
At_RPP2a	TNL	Esa	Thhalv10027276m	73.54	582	720	1299	0	TNL	same
At_WRR4b	TNL	Esa	Thhalv10000023m	73.084	1070	1	1059	0	TNL	same
At_RPS4	TNL	Esa	Thhalv10000750m	73.045	1202	1	1196	0	TNL	same
At_RLM1b	TNL	Esa	Thhalv10000647m	72.771	628	1	626	0	TNL	same
At_RFO2	LRR-RLP	Esa	Thhalv10006928m	72.57	751	1	748	0	LRR-RLP	same
At_RFO2	LRR-RLP	Esa	Thhalv10018044m	71.55	703	46	748	0	LRR-RLK	different
At_RLM1b	TNL	Esa	Thhalv10000695m	71.383	622	7	626	0	TNL	same
At_RLM1b	TNL	Esa	Thhalv10000509m	70.968	403	6	407	0	TN	different
At_RPP8	CNL	Esa	Thhalv10002442m	70.172	580	1	573	0	NBS	different
At_WRR4b	TNL	Esa	Thhalv10027634m	70.131	914	5	916	0	TNL	same
At_RPP39	CNL	Esa	Thhalv10023260m	69.811	848	42	870	0	CNL	same
At_RPP39	CNL	Esa	Thhalv10023248m	69.629	889	1	870	0	CNL	same
At_RPP39	CNL	Esa	Thhalv10023258m	69.58	881	1	868	0	CNL	same
At_RLP32	LRR-RLP	Esa	Thhalv10002360m	69.347	659	197	854	0	LRR-RLP	same
At_RPP39	CNL	Esa	Thhalv10023286m	68.828	802	1	792	0	CNL	same
At_RPP39	CNL	Esa	Thhalv10023257m	68.806	888	1	875	0	CNL	same
At_NGR1a	RNL	Esa	Thhalv10020099m	68.666	817	1	809	0	CNL	different
At_NGR1b	RNL	Esa	Thhalv10020099m	68.187	811	9	815	0	CNL	different
At_RPP39	CNL	Esa	Thhalv10023266m	68.146	879	1	870	0	CNL	same
At_NGR1b	RNL	Esa	Thhalv10003662m	68.039	826	3	815	0	CNL	different
At_WRR4a	TNL	Esa	Thhalv10027634m	67.634	896	3	897	0	TNL	same
At_RPP2b	TNL	Esa	Thhalv1002441m	67.6	821	1	818	0	TNL	same
At_RLP32	LRR-RLP	Esa	Thhalv10000034m	67.6	750	128	854	0	LRR-RLP	same
Bju_WRR1	CNL	Esa	Thhalv10002442m	67.526	582	1	571	0	NBS	different
At_RLM1b	TNL	Esa	Thhalv10023230m	67.512	1025	1	1013	0	TNL	same
At_RLP23	LRR-RLP	Esa	Thhalv10010006m	67.269	886	1	885	0	LRR-RLP	same
At_RLM1a	TNL	Esa	Thhalv10000647m	67.095	623	3	622	0	TNL	same
At_WRR9	NL	Esa	Thhalv10000647m	66.773	626	5	627	0	TNL	different
At_RLM1a	TNL	Esa	Thhalv10000695m	66.504	615	10	621	0	TNL	same
At_NGR1a	RNL	Esa	Thhalv10005443m	66.299	816	1	806	0	CNL	different
At_RRS1	TNL	Esa	Thhalv10001165m	66.127	803	1	799	0	TNL	same
At_NGR1a	RNL	Esa	Thhalv10005517m	66.033	421	396	809	0	NL	different
At_RLP32	LRR-RLP	Esa	Thhalv10000044m	65.826	872	9	854	0	LRR-RLP	same
At_RLP23	LRR-RLP	Esa	Thhalv10016266m	65.69	717	175	889	0	LRR-RLP	same
At_RLP42	LRR-RLP	Esa	Thhalv10016266m	65.429	700	182	876	0	LRR-RLP	same
At_WRR9	NL	Esa	Thhalv10000695m	65.428	619	12	627	0	TNL	different
Bna_LepR3/Rlm2	LRR-RLP	Esa	Thhalv10002360m	65.263	665	286	948	0	LRR-RLP	same
At_RLP23	LRR-RLP	Esa	Thhalv10016267m	64.903	718	175	889	0	LRR-RLP	same
At_NGR1b	RNL	Esa	Thhalv10005443m	64.233	808	11	813	0	CNL	different
At_RLP30	LRR-RLP	Esa	Thhalv10024467m	64.194	782	1	779	0	LRR-RLP	same
At_WRR4a	TNL	Esa	Thhalv10000023m	63.836	1001	9	1002	0	TNL	same
At_RLP32	LRR-RLP	Esa	Thhalv10000035m	63.745	924	9	854	0	LRR-RLP	same
Bol_FocBo1	TNL	Esa	Thhalv10026940m	63.498	526	5	513	0	TN	different
At_RLP42	LRR-RLP	Esa	Thhalv10016267m	63.421	719	182	889	0	LRR-RLP	same
At_RLP30	LRR-RLP	Esa	Thhalv10018341m	62.937	572	203	769	0	LRR-RLP	same
At_RFO1	Other-RLK	Esa	Thhalv10006943m	62.807	734	2	718	0	Other-RLK	same
At_ADR1	NL	Esa	Thhalv10012720m	62.779	806	6	787	0	NL	same
Bol_FocBo1	TNL	Esa	Thhalv10024445m	62.537	670	250	907	0	NL	different
At_RFO1	Other-RLK	Esa	Thhalv10009310m	62.5	768	10	751	0	Other-RLK	same
At_WRR4b	TNL	Esa	Thhalv10000647m	62.179	624	4	624	0	TNL	same
Bna_LepR3/Rlm2	LRR-RLP	Esa	Thhalv10000044m	62.152	790	163	948	0	LRR-RLP	same
At_RPS5	TNL	Esa	Thhalv10024140m	61.959	531	1	530	0	CN	different
At_RLP30	LRR-RLP	Esa	Thhalv10024473m	61.911	806	1	774	0	LRR-RLP	same
At_RLP32	LRR-RLP	Esa	Thhalv10000632m	61.846	899	17	854	0	LRR-RLP	same
Bol_FocBo1	TNL	Esa	Thhalv10019465m	61.528	720	65	778	0	TNL	same
At_RLM1a	TNL	Esa	Thhalv10018052m	61.393	1005	1	997	0	TNL	same
At_RPP5	TNL	Esa	Thhalv10026940m	61.308	535	3	518	0	TN	different
At_WRR4b	TNL	Esa	Thhalv10000695m	61.264	617	11	623	0	TNL	same
Bna_Rlm9/4/7	Other-RLK	Esa	Thhalv10001848m	60.833	720	100	794	0	Other-RLK	same
At_WRR8	TNL	Esa	Thhalv10003136m	60.794	1158	12	1139	0	TNL	same
At_RPP7	NL	Esa	Thhalv10023235m	60.585	992	1	977	0	NL	same
At_ADR1	NL	Esa	Thhalv10024421m	60.488	820	3	787	0	NL	same



At_RLP32	LRR-RLP	Esa	Thhalv10002367m	60.211	950	9	854	0	LRR-RLP	same
Bra_Crr1a	TNL	Lal	LA_scaffold1274_1	60.494	162	808	968	9.27E-49	TNL	same
At_RPP4	TNL	Lal	LA_C64493_1	60.479	167	715	880	8.24E-53	TNL	same
At_WRR4a	TNL	Lal	LA_scaffold3244_19	62.416	149	9	157	3.04E-54	TX	different
At_WRR4b	TNL	Lal	LA_scaffold3244_19	61.074	149	11	159	8.33E-56	TX	different
At_RLM1a	TNL	Lal	LA_scaffold3244_19	61.074	149	10	158	2.71E-56	TX	different
At_WRR9	NL	Lal	LA_scaffold345_4	63.087	149	13	161	8.45E-57	TNL	different
At_RPP1	TNL	Lal	LA_scaffold707_4	63.636	154	248	401	7.39E-57	NL	different
Bra_Crr1a	TNL	Lal	LA_scaffold3244_19	63.514	148	67	214	4.74E-60	TX	different
At_RPP4	TNL	Lal	LA_scaffold3465_1	64.118	170	10	179	1.08E-61	TNL	same
Bol_FocBo1	TNL	Lal	LA_scaffold512_7	63.095	168	97	264	5.06E-62	TNL	same
At_RPP1	TNL	Lal	LA_scaffold3244_19	64.238	151	92	242	4.16E-63	TX	different
At_RPP5	TNL	Lal	LA_scaffold3465_1	66.667	168	12	179	7.99E-64	TNL	same
At_RLM3	TN	Lal	LA_scaffold3465_1	61.143	175	6	180	4.99E-65	TNL	different
At_WRR9	NL	Lal	LA_scaffold292_4	60.795	176	307	482	1.03E-66	TN	different
At_RLM1b	TNL	Lal	LA_scaffold2656_3	62.651	166	16	181	3.97E-67	TX	different
At_WRR4a	TNL	Lal	LA_scaffold2656_3	62.424	165	15	179	3.96E-67	TX	different
Bol_FocBo1	TNL	Lal	LA_scaffold3465_1	66.279	172	6	177	6.04E-69	TNL	same
At_RLM1a	TNL	Lal	LA_scaffold2656_3	66.061	165	16	180	1.19E-72	TX	different
At_WRR4b	TNL	Lal	LA_scaffold2656_3	67.47	166	17	182	3.31E-75	TX	different
At_WRR4b	TNL	Lal	LA_scaffold345_4	84.076	157	1	157	6.84E-77	TNL	same
At_RLM1b	TNL	Lal	LA_scaffold292_4	72.571	175	303	477	3.20E-81	TN	different
At_RPP2a	TNL	Lal	LA_scaffold512_7	64.557	237	178	414	4.68E-95	TNL	same
At_RPP1	TNL	Lal	LA_scaffold1274_1	62.4	250	93	335	1.57E-96	TNL	same
At_RPP1	TNL	Lal	LA_scaffold3231_2	66.531	245	136	380	8.46E-106	TNL	same
At_RLP30	LRR-RLP	Lal	LA_scaffold1391_3	60.714	364	427	786	3.11E-135	LRR-RLP	same
At_RPP1	TNL	Lal	LA_C59137_1	64.307	339	66	402	3.45E-139	TN	different
At_PBS1	Other-RLK	Lal	LA_scaffold3521_10	66.447	304	61	364	1.31E-140	Other-RLK	same
At_RPP2a	TNL	Lal	LA_scaffold1873_18	61.916	407	8	414	7.39E-156	TNL	same
At_WRR4b	TNL	Lal	LA_C58557_1	61.013	395	6	398	2.37E-160	TN	different
At_RLM1b	TNL	Lal	LA_C58557_1	60.56	393	5	396	7.93E-164	TN	different
At_PBS1	Other-RLK	Lal	LA_scaffold729_7	73.09	301	65	364	1.45E-165	Other-RLK	same
At_RLM1a	TNL	Lal	LA_C58557_1	61.869	396	5	399	4.98E-170	TN	different
At_RPP2a	TNL	Lal	LA_C60571_1	62.85	428	10	414	4.91E-173	Other-NLR	different
At_RPP2a	TNL	Lal	LA_scaffold512_4	63.3	406	9	414	1.41E-173	TNL	same
At_RPP2a	TNL	Lal	LA_C64493_1	65.926	405	10	414	1.27E-178	TNL	same
At_BAK1	LRR-RLK	Lal	LA_scaffold1550_50	89.431	615	1	615	0	LRR-RLK	same
At_PBS1	Other-RLK	Lal	LA_scaffold3472_4	86.653	487	1	456	0	Other-RLK	same
At_RFO1	Other-RLK	Lal	LA_scaffold1187_3	83.134	753	2	751	0	Other-RLK	same
At_RPM1	NL	Lal	LA_scaffold698_109	83.047	932	1	926	0	NL	same
At_SOBR1	LRR-RLK	Lal	LA_scaffold151_27	82.893	643	1	641	0	LRR-RLK	same
At_RPS2	NL	Lal	LA_scaffold2413_6	82.34	889	21	909	0	CNL	different
At_FLS2	LRR-RLK	Lal	LA_scaffold1430_19	80.645	1178	1	1173	0	LRR-RLK	same
At_RLP1	LRR-RLP	Lal	LA_scaffold863_6	80.223	1077	1	1076	0	LRR-RLP	same
At_BAK1	LRR-RLK	Lal	LA_scaffold3434_1	78.025	628	1	615	0	LRR-RLK	same
At_RLP32	LRR-RLP	Lal	LA_scaffold611_46	76.896	857	1	854	0	LRR-RLP	same
At_BAK1	LRR-RLK	Lal	LA_scaffold1533_74	73.333	615	23	615	0	LRR-RLK	same
At_RFO3	Other-RLK	Lal	LA_scaffold1835_9	70.366	874	4	850	0	Other-RLK	same
At_WRR4b	TNL	Lal	LA_scaffold1320_11	70.091	1100	1	1096	0	TNL	same
At_RFO3	Other-RLK	Lal	LA_scaffold1710_47	69.586	628	234	850	0	Other-RLK	same
At_NGR1a	RNL	Lal	LA_scaffold1324_6	69.25	813	1	807	0	NL	different
At_RFO2	LRR-RLP	Lal	LA_scaffold869_19	68.716	732	17	748	0	LRR-RLK	different
At_RLP32	LRR-RLP	Lal	LA_scaffold1263_3	68.39	851	9	854	0	LRR-RLP	same
At_RPP13	CNL	Lal	LA_scaffold1596_7	67.596	861	1	830	0	CNL	same
At_RFO2	LRR-RLP	Lal	LA_scaffold402_9	67.475	701	20	718	0	LRR-RLP	same
At_RPP13	CNL	Lal	LA_scaffold1511_29	67.015	861	1	830	0	NL	different
At_RPP39	CNL	Lal	LA_scaffold903_5	66.712	736	145	871	0	NL	different
At_RLM1b	TNL	Lal	LA_C66795_2	65.774	1008	1	999	0	TNL	same
At_RLP23	LRR-RLP	Lal	LA_scaffold49_15	65.49	878	1	874	0	LRR-RLP	same
At_RFO1	Other-RLK	Lal	LA_scaffold2496_3	65.442	735	1	718	0	Other-RLK	same
At_NGR1a	RNL	Lal	LA_scaffold653_3	64.691	810	12	809	0	NL	different
At_RAC1	TNL	Lal	LA_scaffold49_1	64.638	608	160	762	0	NL	different
At_WRR8	TNL	Lal	LA_scaffold49_1	64.521	606	170	769	0	NL	different
At_RLP42	LRR-RLP	Lal	LA_scaffold49_15	64.376	873	1	868	0	LRR-RLP	same
At_WRR4a	TNL	Lal	LA_scaffold1320_11	64.087	1008	1	1000	0	TNL	same
At_WRR8	TNL	Lal	LA_scaffold968_13	64.061	1113	12	1103	0	TNL	same
At_NGR1b	RNL	Lal	LA_scaffold1324_6	63.98	819	5	812	0	NL	different
At_RLP23	LRR-RLP	Lal	LA_scaffold659_19	63.877	717	175	889	0	LRR-RLP	same
At_NGR1b	RNL	Lal	LA_scaffold1143_11	63.625	822	3	815	0	NL	different
At_RLM1a	TNL	Lal	LA_scaffold2290_11	63.177	831	16	845	0	TNL	same
At_RLP23	LRR-RLP	Lal	LA_scaffold1437_44	63.04	717	175	889	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Lal	LA_scaffold611_46	63.038	744	204	943	0	LRR-RLP	same
At_RPP13	CNL	Lal	LA_scaffold1596_4	62.85	856	1	828	0	CNL	same
At_RAC1	TNL	Lal	LA_scaffold1515_10	62.549	510	1	510	0	TN	different
Bna_LepR3/Rlm2	LRR-RLP	Lal	LA_scaffold846_9	62.474	978	9	943	0	LRR-RLP	same
At_RPP1	TNL	Lal	LA_scaffold76_6	62.332	446	66	509	0	TNL	same
At_WRR4b	TNL	Lal	LA_scaffold345_4	62.234	940	160	1061	0	TNL	same
Bna_LepR3/Rlm2	LRR-RLP	Lal	LA_scaffold1263_3	62.234	752	201	949	0	LRR-RLP	same
At_RLM1a	TNL	Lal	LA_scaffold1058_13	62.202	1008	1	995	0	TNL	same
At_RAC1	TNL	Lal	LA_scaffold968_13	62.118	1114	1	1103	0	TNL	same
At_RLP42	LRR-RLP	Lal	LA_scaffold659_19	61.859	721	182	889	0	LRR-RLP	same
At_ADR1	NL	Lal	LA_scaffold2239_11	61.798	801	6	787	0	NL	same
At_RLM1b	TNL	Lal	LA_scaffold2290_11	61.638	1001	16	1010	0	TNL	same
At_RLP32	LRR-RLP	Lal	LA_scaffold846_9	61.461	794	95	860	0	LRR-RLP	same
At_RLM1b	TNL	Lal	LA_scaffold2356_5	61.424	1011	11	996	0	TNL	same
At_WRR8	TNL	Lal	LA_scaffold1515_10	61.417	508	12	519	0	TN	different



At_NGR1a	RNL	Lal	LA_scaffold1143_11	61.389	821	1	809	0	NL	different
Bol_FocBo1	TNL	Lal	LA_C64493_1	61.245	707	8	711	0	TNL	same
At_RLP42	LRR-RLP	Lal	LA_scaffold1437_44	60.779	719	182	889	0	LRR-RLP	same
At_RFO1	Other-RLK	Lal	LA_scaffold2496_4	60.53	755	6	746	0	Other-RLK	same
At_ADR1	NL	Lal	LA_scaffold2735_1	60.358	782	11	764	0	NL	same
At_WRR4a	TNL	Lal	LA_scaffold345_4	60.142	848	159	997	0	TNL	same
At_RPP7	NL	Lme	evm.model.scaffold111.350	62.667	150	996	1136	4.15E-47	NL	same
At_RPP2a	TNL	Lme	evm.model.scaffold28.210	61.438	153	262	414	1.03E-51	NL	different
At_RFO1	Other-RLK	Lme	evm.model.scaffold295.404	62.821	156	310	465	4.78E-52	Other-RLK	same
At_NGR1b	RNL	Lme	evm.model.scaffold284.34	66.892	148	326	472	1.46E-54	NL	different
At_RPS5	TNL	Lme	evm.model.scaffold310.40	67.55	151	120	270	2.81E-56	NBS	different
At_RPP2a	TNL	Lme	evm.model.scaffold81.428	63.03	165	250	414	8.04E-59	NL	different
At_NGR1a	RNL	Lme	evm.model.scaffold284.34	70.47	149	320	467	6.37E-60	NL	different
Bna_LepR3/Rlm2	LRR-RLP	Lme	evm.model.scaffold482.173	64.324	185	760	943	1.30E-60	LRR-RLP	same
At_RLP32	LRR-RLP	Lme	evm.model.scaffold482.173	68.571	175	677	850	5.45E-63	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Lme	evm.model.scaffold223.186	65.385	182	743	924	1.07E-64	LRR-RLP	same
At_RLP30	LRR-RLP	Lme	evm.model.scaffold26.340	63.978	186	585	768	1.30E-67	LRR-RLP	same
Bna_Rlm9/4/7	Other-RLK	Lme	evm.model.scaffold356.593	60.28	214	396	608	4.10E-71	Other-RLK	same
At_RLP32	LRR-RLP	Lme	evm.model.scaffold494.52	65.079	189	660	847	1.75E-71	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Lme	evm.model.scaffold494.52	63.874	191	743	932	1.11E-71	LRR-RLP	same
At_RLP30	LRR-RLP	Lme	evm.model.scaffold26.341	61.792	212	562	772	6.63E-73	LRR-RLP	same
Bna_Rlm9/4/7	Other-RLK	Lme	evm.model.scaffold830.322	68.478	184	354	530	4.92E-73	Other-RLK	same
At_RLM1b	TNL	Lme	evm.model.scaffold452.106	64.894	188	241	421	1.27E-73	NBS	different
At_RLP32	LRR-RLP	Lme	evm.model.scaffold223.186	72.472	178	662	839	2.34E-74	LRR-RLP	same
At_RPP39	CNL	Lme	evm.model.scaffold50.62	65.174	201	323	522	3.84E-78	NBS	different
At_RLP30	LRR-RLP	Lme	evm.model.scaffold53.617	66.667	198	580	777	5.39E-84	LRR-RLP	same
At_RLP30	LRR-RLP	Lme	evm.model.scaffold625.49	68.78	205	577	781	7.55E-86	LRR-RLP	same
At_RAC1	TNL	Lme	evm.model.scaffold891.92	63.672	256	158	413	2.58E-89	NBS	different
At_WRR8	TNL	Lme	evm.model.scaffold891.92	63.672	256	168	423	2.22E-92	NBS	different
Bna_LepR3/Rlm2	LRR-RLP	Lme	evm.model.scaffold695.418	64.317	227	718	943	2.14E-92	LRR-RLP	same
At_RFO1	Other-RLK	Lme	evm.model.scaffold356.593	76.923	234	343	575	1.13E-93	Other-RLK	same
At_WRR12	TNL	Lme	evm.model.scaffold95.272	60.357	280	11	288	1.08E-94	TNL	same
At_RFO3	Other-RLK	Lme	evm.model.scaffold10.670	60.853	258	495	748	5.73E-97	Other-RLK	same
At_RPP8	CNL	Lme	evm.model.scaffold490.31	65.164	244	168	411	3.37E-98	CN	different
At_RPP39	CNL	Lme	evm.model.scaffold111.249	65.126	238	359	595	1.70E-102	NL	different
At_WRR9	NL	Lme	evm.model.scaffold550.75	62.934	259	309	566	9.50E-105	NBS	different
At_RLP32	LRR-RLP	Lme	evm.model.scaffold695.418	73.303	221	634	854	7.49E-109	LRR-RLP	same
At_RLM1a	TNL	Lme	evm.model.scaffold550.75	63.813	257	305	560	1.16E-109	NBS	different
At_RFO1	Other-RLK	Lme	evm.model.scaffold356.593	69.112	259	11	269	1.35E-113	Other-RLK	same
At_RPP8	CNL	Lme	evm.model.scaffold234.80	61.032	349	560	907	5.80E-115	CNL	same
Bna_LepR3/Rlm2	LRR-RLP	Lme	evm.model.scaffold482.174	62.145	317	624	937	1.56E-118	LRR-RLP	same
At_RLM1b	TNL	Lme	evm.model.scaffold550.75	70.498	261	305	565	1.44E-121	NBS	different
At_RPP8	CNL	Lme	evm.model.scaffold96.54	65.399	263	210	468	6.90E-122	NBS	different
Bna_LepR3/Rlm2	LRR-RLP	Lme	evm.model.scaffold339.145	61.716	303	641	943	5.73E-122	LRR-RLP	same
At_RPS2	NL	Lme	evm.model.scaffold384.356	82.353	221	301	521	3.12E-123	NBS	different
At_RLP32	LRR-RLP	Lme	evm.model.scaffold482.174	63.636	319	537	852	1.49E-124	LRR-RLP	same
At_BAK1	LRR-RLK	Lme	evm.model.scaffold928.81	71.042	259	326	584	2.40E-127	LRR-RLK	same
Bna_Rlm9/4/7	Other-RLK	Lme	evm.model.scaffold275.24	62.426	338	312	644	3.74E-129	Other-RLK	same
At_PBS1	Other-RLK	Lme	evm.model.scaffold306.22	63.607	305	61	364	2.00E-133	Other-RLK	same
At_PBS1	Other-RLK	Lme	evm.model.scaffold785.113	74.902	255	111	364	4.07E-135	Other-RLK	same
At_RPS5	TNL	Lme	evm.model.scaffold384.134	62.5	352	135	486	3.48E-145	NBS	different
At_RPP39	CNL	Lme	evm.model.scaffold195.22	61.765	408	471	869	4.14E-146	CNL	same
At_RPS5	TNL	Lme	evm.model.scaffold50.88	60.934	407	1	407	1.12E-148	CNL	different
At_RPP39	CNL	Lme	evm.model.scaffold971.3	68.038	316	1	315	4.37E-149	CN	different
At_RPP7	NL	Lme	evm.model.scaffold482.72	62.864	412	458	866	2.66E-149	NL	same
At_NGR1b	RNL	Lme	evm.model.scaffold113.778	62.35	417	406	815	1.82E-149	CNL	different
At_RPS5	TNL	Lme	evm.model.scaffold50.115	61.481	405	1	405	3.05E-155	CNL	different
Bna_Rlm9/4/7	Other-RLK	Lme	evm.model.scaffold550.39	61.408	412	159	568	1.22E-157	Other-RLK	same
At_RPP7	NL	Lme	evm.model.scaffold482.72	62.924	383	1	382	9.83E-160	NL	same
At_NGR1a	RNL	Lme	evm.model.scaffold113.778	65.459	414	404	809	1.11E-160	CNL	different
Bna_Rlm9/4/7	Other-RLK	Lme	evm.model.scaffold855.38	63.504	411	127	530	4.91E-163	Other-RLK	same
At_PBS1	Other-RLK	Lme	evm.model.scaffold830.589	70	310	71	378	5.06E-164	Other-RLK	same
At_NGR1b	RNL	Lme	evm.model.scaffold352.97	61.779	416	406	815	1.34E-164	CNL	different
Bna_LepR3/Rlm2	LRR-RLP	Lme	evm.model.scaffold384.176	63.333	420	515	928	3.78E-169	LRR-RLP	same
At_RPP39	CNL	Lme	evm.model.scaffold268.9	72.121	330	1	330	3.22E-171	CNL	same
At_RPP39	CNL	Lme	evm.model.scaffold195.22	64.128	407	1	405	2.80E-172	CNL	same
At_RLP32	LRR-RLP	Lme	evm.model.scaffold191.290	61.785	437	418	854	2.76E-175	LRR-RLP	same
At_NGR1a	RNL	Lme	evm.model.scaffold352.97	65.459	414	404	809	1.37E-177	CNL	different
At_RPS2	NL	Lme	evm.model.scaffold3866.2	80.872	298	192	489	2.24E-178	NBS	different
At_RPS2	NL	Lme	evm.model.scaffold482.7	81.879	298	192	489	1.99E-179	NBS	different
At_BAK1	LRR-RLK	Lme	evm.model.scaffold675.276	96.748	615	1	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Lme	evm.model.scaffold95.14	96.748	615	1	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Lme	evm.model.scaffold236.905	96.423	615	1	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Lme	evm.model.scaffold70.479	95.772	615	1	615	0	LRR-RLK	same
At_PBS1	Other-RLK	Lme	evm.model.scaffold98.135	88.641	493	1	456	0	Other-RLK	same
At_RFO1	Other-RLK	Lme	evm.model.scaffold53.735	82.699	578	1	575	0	Other-RLK	same
At_FLS2	LRR-RLK	Lme	evm.model.scaffold115.6	81.841	1173	4	1173	0	LRR-RLK	same
At_FLS2	LRR-RLK	Lme	evm.model.scaffold369.118	81.159	1173	4	1173	0	LRR-RLK	same
At_SOBR1	LRR-RLK	Lme	evm.model.scaffold185.309	79.953	429	41	468	0	LRR-RLK	same
At_SOBR1	LRR-RLK	Lme	evm.model.scaffold146.494	79.751	642	1	641	0	LRR-RLK	same
At_SOBR1	LRR-RLK	Lme	evm.model.scaffold110.60	79.595	642	1	641	0	LRR-RLK	same
At_RPS4	TNL	Lme	evm.model.scaffold242.956	79.319	1233	1	1209	0	TNL	same
At_RPS2	NL	Lme	evm.model.scaffold297.2	79.098	909	1	909	0	CNL	different
At_BAK1	LRR-RLK	Lme	evm.model.scaffold117.318	77.578	611	9	614	0	LRR-RLK	same
At_BAK1	LRR-RLK	Lme	evm.model.scaffold265.342	75.929	619	9	615	0	LRR-RLK	same
At_RPS2	NL	Lme	evm.model.scaffold26.219	75.527	617	293	909	0	NL	same

At_BAK1	LRR-RLK	Lme	evm.model.scaffold428.149	75.453	607	9	615	0	LRR-RLK	same
At_RPS2	NL	Lme	evm.model.scaffold136.39	74.807	909	1	909	0	CNL	different
At_RFO3	Other-RLK	Lme	evm.model.scaffold345.4	74.769	864	1	849	0	Other-RLK	same
At_BAK1	LRR-RLK	Lme	evm.model.scaffold216.149	74.516	620	9	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Lme	evm.model.scaffold34.49	74.424	434	29	450	0	LRR-RLK	same
At_BAK1	LRR-RLK	Lme	evm.model.scaffold195.513	72.231	605	24	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Lme	evm.model.scaffold57.15	72.231	605	24	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Lme	evm.model.scaffold1220.2	71.901	605	24	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Lme	evm.model.scaffold339.194	71.122	606	9	612	0	LRR-RLK	same
Bna_MPK9	Other-RLK	Lme	evm.model.scaffold80.44	70.921	478	100	562	0	Other-RLK	same
At_NGR1a	RNL	Lme	evm.model.scaffold113.778	70.777	811	4	806	0	CNL	different
At_RPP2b	TNL	Lme	evm.model.scaffold36.157	70.757	489	719	1207	0	CNL	different
At_NGR1a	RNL	Lme	evm.model.scaffold52.101	69.89	817	1	809	0	NL	different
At_RFO2	LRR-RLP	Lme	evm.model.scaffold57.64	69.608	714	24	737	0	LRR-RLK	different
Bna_Rlm9/4/7	Other-RLK	Lme	evm.model.scaffold1108.2	69.588	388	217	603	0	Other-RLK	same
At_RPS4	TNL	Lme	evm.model.scaffold468.461	69.546	903	1	892	0	Other-NLR	different
At_RPP39	CNL	Lme	evm.model.scaffold297.20	69.531	384	1	383	0	CN	different
At_RFO2	LRR-RLP	Lme	evm.model.scaffold646.66	69.517	725	24	748	0	LRR-RLK	different
At_RPP39	CNL	Lme	evm.model.scaffold136.126	69.021	878	1	868	0	CNL	same
At_BAK1	LRR-RLK	Lme	evm.model.scaffold565.260	68.982	619	9	615	0	LRR-RLK	same
At_RPP39	CNL	Lme	evm.model.scaffold482.70	68.558	617	1	616	0	CNL	same
At_RFO2	LRR-RLP	Lme	evm.model.scaffold34.95	68.516	721	28	748	0	LRR-RLK	different
At_NGR1a	RNL	Lme	evm.model.scaffold352.98	68.254	819	1	809	0	NL	different
At_RLP32	LRR-RLP	Lme	evm.model.scaffold384.176	67.857	420	428	840	0	LRR-RLP	same
At_RFO2	LRR-RLP	Lme	evm.model.scaffold299.729	66.899	716	28	743	0	LRR-RLP	same
At_RFO2	LRR-RLP	Lme	evm.model.scaffold245.123	66.197	710	28	737	0	LRR-RLP	same
At_RFO2	LRR-RLP	Lme	evm.model.scaffold937.13	65.994	694	49	740	0	LRR-RLP	same
At_NGR1b	RNL	Lme	evm.model.scaffold113.778	65.693	822	3	812	0	CNL	different
At_NGR1b	RNL	Lme	evm.model.scaffold52.101	65.69	819	6	812	0	NL	different
At_RPP39	CNL	Lme	evm.model.scaffold111.241	65.65	754	42	786	0	CNL	same
At_RPP8	CNL	Lme	evm.model.scaffold1913.8	65.57	912	1	908	0	CNL	same
At_RPP8	CNL	Lme	evm.model.scaffold433.231	64.803	912	1	904	0	CNL	same
At_RLP23	LRR-RLP	Lme	evm.model.scaffold146.396	64.575	717	175	889	0	LRR-RLP	same
At_RPP8	CNL	Lme	evm.model.scaffold81.519	64.388	907	1	903	0	CNL	same
At_RLM1b	TNL	Lme	evm.model.scaffold111.71	63.614	830	164	986	0	NL	different
At_RPP7	NL	Lme	evm.model.scaffold136.111	63.563	870	1	866	0	NL	same
At_RLM1b	TNL	Lme	evm.model.scaffold26.115	63.561	719	305	1013	0	NL	different
At_NGR1b	RNL	Lme	evm.model.scaffold352.98	63.471	824	3	812	0	NL	different
At_RLP23	LRR-RLP	Lme	evm.model.scaffold237.28	63.395	866	27	890	0	LRR-RLP	same
At_RPP39	CNL	Lme	evm.model.scaffold111.242	63.355	906	1	883	0	CNL	same
At_RPP39	CNL	Lme	evm.model.scaffold550.77	62.812	882	1	868	0	CNL	same
At_RLP42	LRR-RLP	Lme	evm.model.scaffold146.396	62.657	715	182	889	0	LRR-RLP	same
At_RPP39	CNL	Lme	evm.model.scaffold111.242	62.5	880	7	877	0	CNL	same
Bna_Rlm9/4/7	Other-RLK	Lme	evm.model.scaffold384.36	62.264	583	40	611	0	Other-RLK	same
At_RLP42	LRR-RLP	Lme	evm.model.scaffold237.28	62.251	853	33	880	0	LRR-RLP	same
At_RLP32	LRR-RLP	Lme	evm.model.scaffold316.302	62.195	492	362	849	0	LRR-RLP	same
Bna_Rlm9/4/7	Other-RLK	Lme	evm.model.scaffold384.39	61.864	590	22	604	0	Other-RLK	same
At_RLM1b	TNL	Lme	evm.model.scaffold34.933	61.725	742	249	979	0	NL	different
Bna_LepR3/Rlm2	LRR-RLP	Lme	evm.model.scaffold306.586	61.721	674	271	939	0	LRR-RLP	same
At_ADR1	NL	Lme	evm.model.scaffold60.203	61.557	809	6	778	0	NL	same
At_RLM1b	TNL	Lme	evm.model.scaffold971.193	61.406	754	257	999	0	NL	different
Bna_Rlm9/4/7	Other-RLK	Lme	evm.model.scaffold913.30	61.368	585	22	600	0	Other-RLK	same
At_ADR1	NL	Lme	evm.model.scaffold219.287	61.125	818	6	787	0	NL	same
At_RLP32	LRR-RLP	Lme	evm.model.scaffold339.98	61.12	643	211	844	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Lme	evm.model.scaffold117.254	60.65	892	55	941	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Lme	evm.model.scaffold339.98	60.62	645	300	931	0	LRR-RLP	same
At_RLP32	LRR-RLP	Lme	evm.model.scaffold306.586	60.597	670	186	854	0	LRR-RLP	same
Bna_Rlm9/4/7	Other-RLK	Lme	evm.model.scaffold215.217	60.441	589	25	602	0	Other-RLK	same
At_RLP30	LRR-RLP	Lme	evm.model.scaffold29.153	60.219	729	43	770	0	LRR-RLP	same
Bna_Rlm9/4/7	Other-RLK	Lme	evm.model.scaffold29.81	60.202	593	25	612	0	Other-RLK	same
At_RLP32	LRR-RLP	Lme	evm.model.scaffold37.460	60.094	639	203	841	0	LRR-RLP	same
At_RLM1b	TNL	Lme	evm.model.scaffold191.111	60.056	711	281	979	0	NL	different
At_RP55	TNL	Lme	evm.model.scaffold50.106	60.041	493	123	613	0	NL	different
At_RLP32	LRR-RLP	Lme	evm.model.scaffold384.175	60.035	568	281	842	0	LRR-RLP	same
At_RPP39	CNL	Lme	evm.model.scaffold50.60	60.023	878	1	868	0	CNL	same
At_RPP1	TNL	Rra	RrC20884_p1	62.838	148	94	241	1.79E-59	TX	different
At_RPP1	TNL	Rra	RrC26085_p1	68.243	148	94	241	1.78E-67	TX	different
At_RRS1	TNL	Rra	RrC2503_p1	66.667	198	527	717	1.52E-70	TNL	same
At_RFO3	Other-RLK	Rra	RrC28417_p1	62.921	178	515	692	1.40E-73	Other-RLK	same
At_BAK1	LRR-RLK	Rra	RrC14965_p2	78	150	231	376	3.43E-76	Other-RLK	different
At_RLP32	LRR-RLP	Rra	RrC21259_p1	62.632	190	663	852	8.94E-77	LRR-RLP	same
Bra_Crr1a	TNL	Rra	RrC2202_p3	61.187	219	50	266	3.55E-80	TX	different
Bna_Rlm9/4/7	Other-RLK	Rra	RrC912_p3	68.528	197	542	738	2.15E-83	Other-RLK	same
Bra_Crr1a	TNL	Rra	RrC4724_p4	60.909	220	60	279	1.36E-84	TX	different
At_RPP1	TNL	Rra	RrC2202_p3	62.115	227	70	294	5.83E-86	TX	different
At_BAK1	LRR-RLK	Rra	RrC12485_p2	66.502	203	381	583	1.55E-89	LRR-RLK	same
Bna_Rlm9/4/7	Other-RLK	Rra	RrC502_p1	65.66	265	531	793	1.71E-90	Other-RLK	same
Bna_Rlm9/4/7	Other-RLK	Rra	RrC502_p1	66.791	268	527	793	1.35E-90	Other-RLK	same
At_RFO1	Other-RLK	Rra	RrC502_p1	61.479	257	500	750	2.22E-92	Other-RLK	same
At_RFO1	Other-RLK	Rra	RrC912_p3	75.13	193	515	705	1.59E-92	Other-RLK	same
Bra_cRa/cRb	TNL	Rra	RrC9740_p1	61.847	249	73	320	7.60E-93	TNL	same
At_RPP2a	TNL	Rra	RrC12579_p1	60.573	279	136	414	1.48E-93	TNL	same
At_RPP2a	TNL	Rra	RrC1201_p4	66.667	222	193	414	1.47E-93	NL	different
At_RFO1	Other-RLK	Rra	RrC502_p1	60.294	272	486	751	2.72E-94	Other-RLK	same
Bra_cRa/cRb	TNL	Rra	RrC10317_p3	60.87	253	57	308	1.17E-94	TX	different
Bna_LepR3/Rlm2	LRR-RLP	Rra	RrC24229_p1	65.957	235	718	950	3.45E-96	LRR-RLP	same

Bju_WRR1	CNL	Rra	RrC1918_p4	71.296	216	126	336	4.06E-98	NL	different
At_RPP8	CNL	Rra	RrC1918_p4	68.519	216	126	341	1.21E-99	NL	different
Bna_LepR3/Rlm2	LRR-RLP	Rra	RrC9458_p2	67.547	265	685	948	3.35E-102	LRR-RLP	same
At_RLP42	LRR-RLP	Rra	RrC7403_p1	63.855	249	487	731	2.60E-102	LRR-RLP	same
At_RLP32	LRR-RLP	Rra	RrC9458_p2	70.866	254	601	853	6.74E-105	LRR-RLP	same
Bra_Crr1a	TNL	Rra	RrC10317_p3	64.286	252	53	303	4.33E-105	TX	different
Bra_Crr1a	TNL	Rra	RrC9740_p1	64.683	252	65	315	1.21E-105	TNL	same
At_RPP1	TNL	Rra	RrC10317_p3	64.427	253	80	331	2.77E-108	TX	different
At_RLP23	LRR-RLP	Rra	RrC7403_p1	67.49	243	490	731	8.45E-109	LRR-RLP	same
At_RLM1a	TNL	Rra	RrC25189_p1	64.364	275	350	621	2.73E-109	TNL	same
At_RPP1	TNL	Rra	RrC9740_p1	65.079	252	93	343	2.02E-109	TNL	same
At_RLM1b	TNL	Rra	RrC25189_p1	62.366	279	350	626	8.66E-110	TNL	same
At_RPP2a	TNL	Rra	RrC11596_p1	66.787	277	138	414	9.81E-112	NL	different
At_RLP32	LRR-RLP	Rra	RrC24229_p1	75.676	222	634	854	1.88E-112	LRR-RLP	same
At_RPP2a	TNL	Rra	RrC190_p1	65.188	293	1007	1299	1.03E-114	TNL	same
At_RLP23	LRR-RLP	Rra	RrC30304_p1	64.151	318	290	607	3.02E-118	LRR-RLP	same
At_RLP42	LRR-RLP	Rra	RrC30304_p1	65.015	323	291	612	1.24E-123	LRR-RLP	same
At_ADR1	NL	Rra	RrC8290_p1	63.253	332	3	325	4.19E-133	NBS	different
At_RPP2a	TNL	Rra	RrC4901_p1	77.899	276	1025	1299	3.35E-138	TX	different
At_RPP8	CNL	Rra	RrC12445_p1	61.224	343	1	341	1.40E-138	CN	different
Bju_WRR1	CNL	Rra	RrC1918_p4	66.954	348	442	788	5.58E-142	NL	different
At_NGR1b	RNL	Rra	RrC30918_p1	63.818	351	218	558	8.82E-146	NBS	different
At_RLP42	LRR-RLP	Rra	RrC13278_p1	60.95	379	495	873	2.58E-151	LRR-RLP	same
At_PBS1	Other-RLK	Rra	RrC3989_p1	67.203	311	71	381	5.45E-158	Other-RLK	same
At_PBS1	Other-RLK	Rra	RrC2330_p3	71.572	299	71	369	1.47E-158	Other-RLK	same
At_RLP23	LRR-RLP	Rra	RrC13278_p1	63.959	394	495	888	2.62E-162	LRR-RLP	same
At_NGR1a	RNL	Rra	RrC30918_p1	72.206	349	216	552	1.23E-169	NBS	different
At_PBS1	Other-RLK	Rra	RrC2463_p6	77.778	306	65	370	9.29E-174	Other-RLK	same
At_BAK1	LRR-RLK	Rra	RrC2766_p1	96.063	508	1	508	0	LRR-RLK	same
Bol_FocBo1	TNL	Rra	RrC1201_p4	95.563	586	193	778	0	NL	different
At_BAK1	LRR-RLK	Rra	RrC645_p6	93.453	611	5	615	0	LRR-RLK	same
At_RPS2	NL	Rra	RrC1874_p4	84.505	910	1	909	0	CNL	different
Bna_Rlm9/4/7	Other-RLK	Rra	RrC858_p5	82.412	796	1	794	0	Other-RLK	same
At_BAK1	LRR-RLK	Rra	RrC345_p11	82.178	606	10	615	0	LRR-RLK	same
At_RPM1	NL	Rra	RrC828_p2	82.12	934	1	926	0	NL	same
At_SOBR1	LRR-RLK	Rra	RrC129_p7	80.371	647	1	640	0	LRR-RLK	same
At_SOBR1	LRR-RLK	Rra	RrC10596_p2	79.888	358	284	641	0	Other-RLK	different
At_WRR12	TNL	Rra	RrC2369_p3	78.414	681	372	1049	0	TX	different
At_RPS5	TNL	Rra	RrC20133_p1	78.219	730	1	730	0	NL	different
At_BAK1	LRR-RLK	Rra	RrC2772_p1	78.161	609	10	615	0	LRR-RLK	same
Bna_LepR3/Rlm2	LRR-RLP	Rra	RrC1351_p1	77.708	951	1	945	0	LRR-RLP	same
At_BAK1	LRR-RLK	Rra	RrC59_p5	77.346	618	24	615	0	LRR-RLK	same
At_NGR1a	RNL	Rra	RrC2329_p4	77.017	818	1	809	0	NL	different
At_RPS5	TNL	Rra	RrC3583_p3	76.313	895	1	889	0	NL	different
At_RFO3	Other-RLK	Rra	RrC4728_p1	75.793	851	19	850	0	Other-RLK	same
At_BAK1	LRR-RLK	Rra	RrC10357_p1	71.933	652	8	615	0	LRR-RLK	same
At_RFO1	Other-RLK	Rra	RrC22170_p1	70.615	667	96	751	0	Other-RLK	same
Bna_LepR3/Rlm2	LRR-RLP	Rra	RrC11009_p1	69.374	911	31	938	0	LRR-RLP	same
At_RFO2	LRR-RLP	Rra	RrC7931_p1	68.511	705	33	737	0	LRR-RLK	different
At_RFO2	LRR-RLP	Rra	RrC23063_p1	68.486	733	8	740	0	LRR-RLP	same
At_NGR1b	RNL	Rra	RrC2329_p4	68.088	821	5	815	0	NL	different
At_RLP42	LRR-RLP	Rra	RrC10614_p1	67.614	880	1	876	0	LRR-RLP	same
At_RPP8	CNL	Rra	RrC9934_p1	67.161	944	1	907	0	CNL	same
At_RPP13	CNL	Rra	RrC1706_p2	66.585	814	1	789	0	NL	different
At_RPS5	TNL	Rra	RrC29576_p1	66.46	483	227	706	0	NL	different
At_RLP23	LRR-RLP	Rra	RrC10614_p1	66.069	893	1	890	0	LRR-RLP	same
At_RFO2	LRR-RLP	Rra	RrC4219_p1	65.694	720	32	748	0	LRR-RLK	different
At_RFO2	LRR-RLP	Rra	RrC4575_p1	65.328	747	6	742	0	LRR-RLP	same
At_RLP32	LRR-RLP	Rra	RrC2862_p1	64.933	750	118	865	0	LRR-RLP	same
Bju_WRR1	CNL	Rra	RrC1918_p1	64.34	530	376	902	0	NL	different
At_RLM1a	TNL	Rra	RrC25117_p1	63.489	493	132	622	0	TNL	same
At_RPP13	CNL	Rra	RrC1706_p3	63.244	857	1	829	0	NL	different
Bna_Rlm9/4/7	Other-RLK	Rra	RrC25334_p1	63.189	508	159	660	0	Other-RLK	same
At_RLP23	LRR-RLP	Rra	RrC15950_p1	62.901	717	175	889	0	LRR-RLP	same
At_RFO1	Other-RLK	Rra	RrC5399_p1	62.881	722	7	712	0	Other-RLK	same
At_RPS5	TNL	Rra	RrC3098_p2	62.851	891	1	880	0	CNL	different
At_RFO1	Other-RLK	Rra	RrC5399_p2	62.418	761	4	751	0	Other-RLK	same
At_WRR8	TNL	Rra	RrC13073_p2	62.397	609	170	769	0	NL	different
At_RLP42	LRR-RLP	Rra	RrC15950_p1	62.34	701	182	880	0	LRR-RLP	same
At_RPP2a	TNL	Rra	RrC4901_p1	62.208	471	408	866	0	TX	different
At_ADR1	NL	Rra	RrC12655_p2	62.088	728	91	787	0	NL	same
At_RLP32	LRR-RLP	Rra	RrC7190_p1	61.13	885	33	853	0	LRR-RLP	same
At_RPS5	TNL	Rra	RrC2474_p3	60.992	887	1	881	0	CNL	different
At_RPP39	CNL	Rra	RrC197_p3	60.987	892	3	885	0	CNL	same
At_RAC1	TNL	Rra	RrC409_p7	60.737	624	9	623	0	TNL	same
At_WRR8	TNL	Rra	RrC409_p7	60.692	636	7	634	0	TNL	same
At_RAC1	TNL	Rra	RrC13073_p2	60.362	608	160	760	0	NL	different
At_WRR9	NL	Rra	RrC25117_p1	60.324	494	136	627	0	TNL	different
At_RLP23	LRR-RLP	Rsa	Rsa1.0_00111.1_g00007.1	64.968	157	723	879	3.40E-60	LRR-RLP	same
At_RLP30	LRR-RLP	Rsa	Rsa1.0_01839.1_g00004.1	62.162	185	602	786	2.53E-61	LRR-RLP	same
At_RLP42	LRR-RLP	Rsa	Rsa1.0_00111.1_g00007.1	67.55	151	723	873	7.75E-63	LRR-RLP	same
At_RAC1	TNL	Rsa	Rsa1.0_00338.1_g00001.1	61.927	218	8	222	5.10E-75	TNL	same
Bol_FocBo1	TNL	Rsa	Rsa1.0_03626.1_g00002.1	62.613	222	13	233	3.38E-78	TX	different
At_WRR8	TNL	Rsa	Rsa1.0_00338.1_g00001.1	64.977	217	19	232	7.08E-81	TNL	same
Bna_Rlm9/4/7	Other-RLK	Rsa	Rsa1.0_11429.1_g00001.1	70.659	167	386	551	1.15E-82	Other-RLK	same
At_RAC1	TNL	Rsa	Rsa1.0_03626.1_g00002.1	69.658	234	20	249	2.04E-91	TX	different

At_RFO1	Other-RLK	Rsa	Rsa1.0_11429.1_g00001.1	79.762	168	352	518	1.10E-93	Other-RLK	same
At_WRR8	TNL	Rsa	Rsa1.0_03626.1_g00002.1	63.396	265	31	283	3.96E-95	TX	different
At_WRR4a	TNL	Rsa	Rsa1.0_09247.1_g00001.1	62.771	231	5	235	1.87E-98	TX	different
Bna_LepR3/Rlm2	LRR-RLP	Rsa	Rsa1.0_00016.1_g00027.1	70.635	252	1	249	8.73E-99	LRR-RLP	same
At_WRR4b	TNL	Rsa	Rsa1.0_13731.1_g00001.1	68.056	216	7	222	1.64E-100	TX	different
At_RLM1a	TNL	Rsa	Rsa1.0_09247.1_g00001.1	63.983	236	1	236	4.49E-103	TX	different
At_WRR4b	TNL	Rsa	Rsa1.0_09247.1_g00001.1	68.398	231	7	237	1.05E-107	TX	different
At_RFO1	Other-RLK	Rsa	Rsa1.0_25697.1_g00001.1	64.041	292	240	519	4.74E-111	Other-RLK	same
At_RPP1	TNL	Rsa	Rsa1.0_01705.1_g00006.1	65.056	269	94	362	2.00E-114	TNL	same
At_RLM1a	TNL	Rsa	Rsa1.0_12238.1_g00001.1	61.922	281	301	581	2.01E-115	NBS	different
Bra_cRa/cRb	TNL	Rsa	Rsa1.0_01705.1_g00006.1	60.294	340	1	339	2.51E-118	TNL	same
Bra_Crr1a	TNL	Rsa	Rsa1.0_01705.1_g00006.1	66.904	281	68	347	1.34E-119	TNL	same
At_RLM1a	TNL	Rsa	Rsa1.0_24800.1_g00001.1	63.701	281	301	581	8.91E-120	NBS	different
At_PBS1	Other-RLK	Rsa	Rsa1.0_04364.1_g00001.1	62.112	322	74	391	5.71E-138	Other-RLK	same
At_RPS5	TNL	Rsa	Rsa1.0_22598.1_g00001.1	64.22	327	308	631	2.16E-139	NL	different
At_RPP4	TNL	Rsa	Rsa1.0_09437.1_g00001.1	60.92	435	690	1113	8.91E-146	TNL	same
At_ADR1	NL	Rsa	Rsa1.0_00127.1_g00035.1	65.607	346	445	787	5.53E-151	NL	same
Bra_cRa/cRb	TNL	Rsa	Rsa1.0_00027.1_g00036.1	61.456	371	54	423	1.04E-151	TN	different
At_PBS1	Other-RLK	Rsa	Rsa1.0_00209.1_g00001.1	66.881	311	71	381	5.97E-157	Other-RLK	same
Bra_cRa/cRb	TNL	Rsa	Rsa1.0_00527.1_g00014.1	60.804	398	75	470	3.02E-159	TNL	same
Bra_Crr1a	TNL	Rsa	Rsa1.0_00027.1_g00036.1	63.686	369	60	426	3.56E-163	TN	different
At_RPP1	TNL	Rsa	Rsa1.0_00027.1_g00036.1	62.228	368	81	447	5.55E-164	TN	different
At_RPP2a	TNL	Rsa	Rsa1.0_04369.1_g00006.1	64.976	414	1	414	9.34E-171	TNL	same
Bra_Crr1a	TNL	Rsa	Rsa1.0_00527.1_g00014.1	62.47	421	50	465	5.90E-171	TNL	same
At_WRR4a	TNL	Rsa	Rsa1.0_08371.1_g00001.1	62.037	432	1	427	5.16E-173	TN	different
At_RPP1	TNL	Rsa	Rsa1.0_00527.1_g00014.1	61.033	426	72	493	5.03E-173	TNL	same
At_RLM3	TN	Rsa	Rsa1.0_00524.1_g00004.1	60.088	456	4	450	1.71E-175	TNL	different
At_RLM3	TN	Rsa	Rsa1.0_09437.1_g00001.1	60.486	453	3	445	3.28E-177	TNL	different
At_RPP2a	TNL	Rsa	Rsa1.0_00524.1_g00004.1	66.912	408	8	414	2.94E-177	TNL	same
At_BAK1	LRR-RLK	Rsa	Rsa1.0_00237.1_g00015.1	94.634	615	1	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Rsa	Rsa1.0_00127.1_g00028.1	94.435	611	5	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Rsa	Rsa1.0_00374.1_g00016.1	93.781	611	5	615	0	LRR-RLK	same
Bol_FocBo1	TNL	Rsa	Rsa1.0_00524.1_g00004.1	90.171	1343	1	1340	0	TNL	same
At_RFO1	Other-RLK	Rsa	Rsa1.0_01251.1_g00006.1	85.433	762	1	751	0	Other-RLK	same
At_RPS2	NL	Rsa	Rsa1.0_00102.1_g00007.1	84.396	910	1	909	0	CNL	different
Bna_Rlm9/4/7	Other-RLK	Rsa	Rsa1.0_05858.1_g00001.1	82.412	796	1	794	0	Other-RLK	same
Bna_Rlm9/4/7	Other-RLK	Rsa	Rsa1.0_14156.1_g00002.1	82.016	506	23	528	0	Other-RLK	same
At_WRR12	TNL	Rsa	Rsa1.0_00160.1_g00015.1	81.922	1051	6	1049	0	TNL	same
At_SOBR1	LRR-RLK	Rsa	Rsa1.0_08551.1_g00001.1	81.123	641	3	640	0	LRR-RLK	same
At_RLP1	LRR-RLP	Rsa	Rsa1.0_00689.1_g00004.1	80.855	1076	1	1076	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Rsa	Rsa1.0_00016.1_g00027.1	80.534	637	317	946	0	LRR-RLP	same
At_RPM1	NL	Rsa	Rsa1.0_00030.1_g00049.1	80.086	934	1	926	0	NL	same
At_BAK1	LRR-RLK	Rsa	Rsa1.0_03231.1_g00003.1	79.373	606	24	615	0	LRR-RLK	same
At_FLS2	LRR-RLK	Rsa	Rsa1.0_00154.1_g00021.1	78.455	1165	1	1160	0	LRR-RLK	same
At_BAK1	LRR-RLK	Rsa	Rsa1.0_01255.1_g00009.1	78.361	610	8	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Rsa	Rsa1.0_03481.1_g00005.1	78.161	609	10	615	0	LRR-RLK	same
At_SOBR1	LRR-RLK	Rsa	Rsa1.0_04268.1_g00001.1	78.14	645	1	641	0	LRR-RLK	same
At_NGR1a	RNL	Rsa	Rsa1.0_01073.1_g00007.1	76.801	819	1	809	0	CNL	different
At_RLM1a	TNL	Rsa	Rsa1.0_03206.1_g00002.1	75.926	378	11	385	0	TNL	same
At_RPS4	TNL	Rsa	Rsa1.0_00091.1_g00018.1	75.598	1213	1	1198	0	TNL	same
At_RFO3	Other-RLK	Rsa	Rsa1.0_00604.1_g00002.1	75.543	875	2	850	0	Other-RLK	same
At_RFO1	Other-RLK	Rsa	Rsa1.0_01004.1_g00008.1	73.969	776	1	751	0	Other-RLK	same
At_RLP32	LRR-RLP	Rsa	Rsa1.0_00013.1_g00043.1	73.818	867	1	864	0	LRR-RLP	same
At_RFO3	Other-RLK	Rsa	Rsa1.0_00628.1_g00003.1	73.557	866	8	839	0	Other-RLK	same
At_BAK1	LRR-RLK	Rsa	Rsa1.0_00140.1_g00002.1	73.52	608	10	615	0	LRR-RLK	same
At_RPP2b	TNL	Rsa	Rsa1.0_02787.1_g00003.1	73.519	1182	16	1193	0	TNL	same
At_RLM1b	TNL	Rsa	Rsa1.0_17859.1_g00001.1	73.499	483	1	474	0	TN	different
At_RLM1b	TNL	Rsa	Rsa1.0_03206.1_g00002.1	72.751	378	11	385	0	TNL	same
Bra_cRa/cRb	TNL	Rsa	Rsa1.0_01124.1_g00005.1	70.964	954	70	1018	0	Other-NLR	different
At_RLM1a	TNL	Rsa	Rsa1.0_08371.1_g00001.1	69.907	432	1	430	0	TN	different
Bju_WRR1	CNL	Rsa	Rsa1.0_01628.1_g00005.1	69.197	909	1	900	0	CNL	same
At_RPS4	TNL	Rsa	Rsa1.0_00259.1_g00003.1	68.918	1229	1	1217	0	TNL	same
At_RFO2	LRR-RLP	Rsa	Rsa1.0_01463.1_g00005.1	68.794	705	33	737	0	LRR-RLK	different
At_RPP8	CNL	Rsa	Rsa1.0_00851.1_g00013.1	68.736	870	1	863	0	CNL	same
At_RPP2a	TNL	Rsa	Rsa1.0_09437.1_g00001.1	68.599	414	1	414	0	TNL	same
At_NGR1b	RNL	Rsa	Rsa1.0_01073.1_g00007.1	68.127	822	5	815	0	CNL	different
Bna_Rlm9/4/7	Other-RLK	Rsa	Rsa1.0_01251.1_g00005.1	67.526	776	24	794	0	Other-RLK	same
At_RPP2a	TNL	Rsa	Rsa1.0_02787.1_g00004.1	67.342	888	415	1299	0	NL	different
At_RPP2b	TNL	Rsa	Rsa1.0_01450.1_g00003.1	67.303	1153	1	1145	0	Other-NLR	different
At_RRS1	TNL	Rsa	Rsa1.0_00091.1_g00017.1	67.006	1179	1	1169	0	TNL	same
At_WRR4b	TNL	Rsa	Rsa1.0_08371.1_g00001.1	66.821	431	3	430	0	TN	different
At_RPP13	CNL	Rsa	Rsa1.0_01236.1_g00007.1	66.628	857	1	829	0	NL	different
At_RPP13	CNL	Rsa	Rsa1.0_04054.1_g00004.1	66.55	855	1	832	0	CNL	same
At_RFO2	LRR-RLP	Rsa	Rsa1.0_02133.1_g00001.1	66.147	706	33	737	0	LRR-RLP	same
At_RFO2	LRR-RLP	Rsa	Rsa1.0_00396.1_g00016.1	65.833	720	32	748	0	LRR-RLK	different
At_RPS5	TNL	Rsa	Rsa1.0_15163.1_g00001.1	65.801	462	1	462	0	CN	different
At_RLM1b	TNL	Rsa	Rsa1.0_08371.1_g00001.1	65.509	432	1	430	0	TN	different
At_RLM1a	TNL	Rsa	Rsa1.0_17859.1_g00001.1	65.424	483	1	474	0	TN	different
At_ADR1	NL	Rsa	Rsa1.0_07850.1_g00001.1	65.327	796	3	787	0	CNL	different
At_RPS5	TNL	Rsa	Rsa1.0_19402.1_g00001.1	65.198	454	138	591	0	NL	different
At_RFO1	Other-RLK	Rsa	Rsa1.0_06912.1_g00003.1	64.986	714	7	705	0	Other-RLK	same
At_RLP42	LRR-RLP	Rsa	Rsa1.0_00111.1_g00003.1	64.892	883	1	876	0	LRR-RLP	same
At_RLP32	LRR-RLP	Rsa	Rsa1.0_00016.1_g00027.1	64.815	648	228	864	0	LRR-RLP	same
At_RLP32	LRR-RLP	Rsa	Rsa1.0_01434.1_g00013.1	64.683	756	114	854	0	LRR-RLP	same
At_RLM1b	TNL	Rsa	Rsa1.0_04941.1_g00001.1	64.599	935	1	925	0	Other-NLR	different
At_RLP23	LRR-RLP	Rsa	Rsa1.0_00111.1_g00003.1	64.541	894	1	890	0	LRR-RLP	same

At_RRS1	TNL	Rsa	Rsa1.0_03896.1_g00002.1	64.092	1178	1	1168	0	TNL	same
At_RPS5	TNL	Rsa	Rsa1.0_01327.1_g00007.1	63.729	885	1	880	0	CNL	different
At_RLM1a	TNL	Rsa	Rsa1.0_07116.1_g00001.1	63.592	618	10	621	0	TNL	same
Bra_cRa/cRb	TNL	Rsa	Rsa1.0_01124.1_g00006.1	63.591	1398	1	1322	0	TNL	same
At_WRR9	NL	Rsa	Rsa1.0_08371.1_g00001.1	63.426	432	5	434	0	TN	different
At_RLP32	LRR-RLP	Rsa	Rsa1.0_02149.1_g00003.1	63.221	745	117	852	0	LRR-RLP	same
At_RLP23	LRR-RLP	Rsa	Rsa1.0_05999.1_g00003.1	63.21	704	175	876	0	LRR-RLP	same
At_RPP5	TNL	Rsa	Rsa1.0_04369.1_g00006.1	63	700	3	671	0	TNL	same
At_RLM1a	TNL	Rsa	Rsa1.0_04941.1_g00001.1	62.514	923	3	917	0	Other-NLR	different
At_RLP42	LRR-RLP	Rsa	Rsa1.0_05999.1_g00003.1	62.428	692	182	870	0	LRR-RLP	same
At_RLP23	LRR-RLP	Rsa	Rsa1.0_01458.1_g00003.1	62.361	720	175	889	0	LRR-RLP	same
At_RLP23	LRR-RLP	Rsa	Rsa1.0_05999.1_g00001.1	62.343	717	175	889	0	LRR-RLP	same
At_WRR9	NL	Rsa	Rsa1.0_17859.1_g00001.1	62.268	485	5	479	0	TN	different
Bna_LepR3/Rlm2	LRR-RLP	Rsa	Rsa1.0_02149.1_g00003.1	62.199	955	1	944	0	LRR-RLP	same
At_WRR4b	TNL	Rsa	Rsa1.0_17859.1_g00001.1	62.112	483	1	474	0	TN	different
At_RLM1b	TNL	Rsa	Rsa1.0_00662.1_g00013.1	61.857	991	1	975	0	TNL	same
Bra_Crr1a	TNL	Rsa	Rsa1.0_13327.1_g00001.1	61.653	472	220	687	0	NL	different
At_RLP42	LRR-RLP	Rsa	Rsa1.0_05999.1_g00001.1	61.626	701	182	880	0	LRR-RLP	same
At_RLP42	LRR-RLP	Rsa	Rsa1.0_01458.1_g00003.1	61.581	721	182	889	0	LRR-RLP	same
At_RLP23	LRR-RLP	Rsa	Rsa1.0_01339.1_g00008.1	61.574	864	17	877	0	LRR-RLP	same
At_RPP39	CNL	Rsa	Rsa1.0_00039.1_g00041.1	61.521	881	1	870	0	CNL	same
Bju_WRR1	CNL	Rsa	Rsa1.0_00851.1_g00013.1	61.495	883	1	860	0	CNL	same
At_RPS5	TNL	Rsa	Rsa1.0_04072.1_g00002.1	61.453	895	1	883	0	NL	different
At_RLM1b	TNL	Rsa	Rsa1.0_04941.1_g00004.1	61.442	1040	1	1014	0	TNL	same
Bol_FocBo1	TNL	Rsa	Rsa1.0_09437.1_g00001.1	61.287	979	5	981	0	TNL	same
At_RPP8	CNL	Rsa	Rsa1.0_01628.1_g00005.1	61.05	914	1	903	0	CNL	same
At_RLP42	LRR-RLP	Rsa	Rsa1.0_04036.1_g00004.1	60.978	879	1	876	0	LRR-RLP	same
At_RLM1b	TNL	Rsa	Rsa1.0_10052.1_g00001.1	60.955	963	1	949	0	TNL	same
Bra_Crr1a	TNL	Rsa	Rsa1.0_03069.1_g00004.1	60.928	1272	52	1214	0	TNL	same
At_RPS5	TNL	Rsa	Rsa1.0_00018.1_g00052.1	60.879	887	1	881	0	CNL	different
At_ADR1	NL	Rsa	Rsa1.0_00123.1_g00044.1	60.811	814	6	787	0	NL	same
At_RLP42	LRR-RLP	Rsa	Rsa1.0_01339.1_g00008.1	60.748	856	19	871	0	LRR-RLP	same
Bol_FocBo1	TNL	Rsa	Rsa1.0_02434.1_g00005.1	60.68	618	7	618	0	Other-NLR	different
Bra_Crr1a	TNL	Rsa	Rsa1.0_01124.1_g00005.1	60.652	1258	1	1224	0	Other-NLR	different
At_RPS5	TNL	Rsa	Rsa1.0_01079.1_g00004.1	60.595	840	43	880	0	NL	different
At_RLP32	LRR-RLP	Rsa	Rsa1.0_00179.1_g00063.1	60.552	905	1	866	0	LRR-RLP	same
At_RLM1b	TNL	Rsa	Rsa1.0_04344.1_g00002.1	60.537	1006	1	993	0	TNL	same
At_RLM1b	TNL	Rsa	Rsa1.0_07116.1_g00001.1	60.514	623	10	626	0	TNL	same
At_RPP2a	TNL	Rsa	Rsa1.0_01450.1_g00006.1	60.394	813	494	1299	0	TNL	same
At_RLP23	LRR-RLP	Rsa	Rsa1.0_04036.1_g00004.1	60.223	895	1	890	0	LRR-RLP	same
At_WRR4b	TNL	Rsa	Rsa1.0_07116.1_g00001.1	60.161	620	11	623	0	TNL	same
At_ADR1	NL	Sir	SI_scaffold249_14	69.554	808	3	787	0	CNL	different
At_ADR1	NL	Sir	SI_C228743_3	61.481	810	6	787	0	NL	same
At_ADR1	NL	Sir	SI_scaffold669_157	60.292	821	3	787	0	NL	same
At_BAK1	LRR-RLK	Sir	SI_scaffold669_147	91.473	645	1	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Sir	SI_scaffold362_6	79.579	617	1	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Sir	SI_scaffold1058_17	77.541	610	24	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Sir	SI_scaffold161_3	77.377	610	20	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Sir	SI_C231345_8	77.377	610	20	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Sir	SI_C230793_3	77.377	610	20	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Sir	SI_C217599_3	74.281	591	30	615	0	LRR-RLK	same
At_FLS2	LRR-RLK	Sir	SI_scaffold1724_31	81.787	1164	1	1160	0	LRR-RLK	same
At_FLS2	LRR-RLK	Sir	SI_scaffold1724_32	70.3	1165	23	1159	0	LRR-RLK	same
At_NGR1a	RNL	Sir	SI_scaffold2426_217	77.178	815	1	809	0	NL	different
At_NGR1a	RNL	Sir	SI_scaffold2426_218	66.141	824	5	809	0	CNL	different
At_NGR1a	RNL	Sir	SI_scaffold2426_219	65.617	413	404	809	0	NL	different
At_NGR1b	RNL	Sir	SI_scaffold2426_219	61.779	416	406	815	1.32E-168	NL	different
At_NGR1b	RNL	Sir	SI_scaffold2426_217	67.476	824	3	815	0	NL	different
At_NGR1b	RNL	Sir	SI_scaffold2426_218	62.606	829	9	815	0	CNL	different
At_PBS1	Other-RLK	Sir	SI_scaffold123_149	74.528	318	69	370	2.76E-168	Other-RLK	same
At_RAC1	TNL	Sir	SI_scaffold1724_46	64.977	217	2	215	5.32E-81	TNL	same
At_RAC1	TNL	Sir	SI_scaffold877_4	61.328	256	1	253	1.44E-91	TN	different
At_RAC1	TNL	Sir	SI_scaffold862_17	60.392	919	12	920	0	TNL	same
At_RFO1	Other-RLK	Sir	SI_scaffold2049_127	87.957	739	18	751	0	Other-RLK	same
At_RFO1	Other-RLK	Sir	SI_scaffold1491_128	63.649	729	32	742	0	Other-RLK	same
At_RFO1	Other-RLK	Sir	SI_scaffold1491_129	61.235	761	10	745	0	Other-RLK	same
At_RFO1	Other-RLK	Sir	SI_scaffold1491_127	60.166	723	19	725	0	Other-RLK	same
At_RFO2	LRR-RLP	Sir	SI_scaffold242_77	72.073	709	29	737	0	LRR-RLK	different
At_RFO2	LRR-RLP	Sir	SI_scaffold227_27	69.429	736	6	740	0	LRR-RLP	same
At_RFO3	Other-RLK	Sir	SI_scaffold744_139	76.157	864	1	850	0	Other-RLK	same
At_RFO3	Other-RLK	Sir	SI_scaffold741_12	68.167	933	1	850	0	Other-RLK	same
At_RLM1a	TNL	Sir	SI_scaffold436_1	62.987	154	5	158	5.68E-58	TX	different
At_RLM1a	TNL	Sir	SI_scaffold325_22	70.064	157	1	157	5.89E-60	TNL	same
At_RLM1a	TNL	Sir	SI_scaffold1338_12	66.184	207	13	219	1.01E-83	TNL	same
At_RLM1a	TNL	Sir	SI_scaffold2804_1	74.879	207	11	217	1.76E-95	TNL	same
At_RLM1a	TNL	Sir	SI_scaffold1847_1	64.977	217	3	219	1.10E-95	TX	different
At_RLM1a	TNL	Sir	SI_scaffold1174_8	65.723	318	38	355	1.41E-142	TN	different
At_RLM1a	TNL	Sir	SI_scaffold146_3	72.022	361	160	519	1.25E-172	NL	different
At_RLM1a	TNL	Sir	SI_scaffold146_21	68.727	534	8	539	0	TNL	same
At_RLM1a	TNL	Sir	SI_scaffold146_4	62.901	903	3	896	0	TNL	same
At_RLM1a	TNL	Sir	SI_scaffold325_13	60.768	989	10	982	0	Other-NLR	different
At_RLM1a	TNL	Sir	SI_scaffold325_17	60.512	937	10	944	0	TNL	same
At_RLM1a	TNL	Sir	SI_scaffold325_14	60.02	993	1	986	0	TNL	same
At_RLM1b	TNL	Sir	SI_scaffold1338_12	61.836	207	13	219	6.28E-75	TNL	same
At_RLM1b	TNL	Sir	SI_scaffold2804_1	61.25	240	14	253	2.76E-84	TNL	same
At_RLM1b	TNL	Sir	SI_scaffold1847_1	62.673	217	4	219	4.49E-88	TX	different

At_RLM1b	TNL	Sir	SI_scaffold1882_1	83.784	185	1	182	4.04E-102	TX	different
At_RLM1b	TNL	Sir	SI_scaffold1174_8	67.619	315	41	355	4.02E-145	TN	different
At_RLM1b	TNL	Sir	SI_scaffold146_3	67.391	368	160	526	3.18E-160	NL	different
At_RLM1b	TNL	Sir	SI_scaffold146_21	68.468	555	8	556	0	TNL	same
At_RLM1b	TNL	Sir	SI_scaffold325_14	66.269	1005	1	994	0	TNL	same
At_RLM1b	TNL	Sir	SI_scaffold325_15	65.823	1027	1	1009	0	TNL	same
At_RLM1b	TNL	Sir	SI_scaffold325_14	63.718	1006	11	998	0	TNL	same
At_RLM1b	TNL	Sir	SI_scaffold325_12	62.762	1050	1	1012	0	TNL	same
At_RLM1b	TNL	Sir	SI_scaffold325_13	62.735	1009	10	997	0	Other-NLR	different
At_RLM1b	TNL	Sir	SI_scaffold146_4	61.531	1032	3	1014	0	TNL	same
At_RLP1	LRR-RLP	Sir	SI_scaffold2746_207	74.299	1070	24	1067	0	LRR-RLP	same
At_RLP1	LRR-RLP	Sir	SI_scaffold2881_1	64.49	490	567	1055	0	LRR-RLP	same
At_RLP23	LRR-RLP	Sir	SI_scaffold651_19	68.806	888	1	884	0	LRR-RLP	same
At_RLP23	LRR-RLP	Sir	SI_scaffold1453_8	65.303	611	175	780	0	LRR-RLP	same
At_RLP23	LRR-RLP	Sir	SI_scaffold718_53	63.18	717	175	889	0	LRR-RLP	same
At_RLP23	LRR-RLP	Sir	SI_scaffold154_84	62.535	718	175	890	0	LRR-RLP	same
At_RLP23	LRR-RLP	Sir	SI_scaffold1453_7	61.389	720	175	889	0	LRR-RLP	same
At_RLP23	LRR-RLP	Sir	SI_scaffold1417_16	60.728	522	1	520	0	LRR-RLP	same
At_RLP30	LRR-RLP	Sir	SI_scaffold857_5	61.161	775	17	786	0	LRR-RLP	same
At_RLP30	LRR-RLP	Sir	SI_scaffold930_20	60.696	776	1	769	0	LRR-RLP	same
At_RLP30	LRR-RLP	Sir	SI_scaffold1097_6	60.181	663	100	760	0	LRR-RLP	same
At_RLP32	LRR-RLP	Sir	SI_scaffold2443_28	66.517	669	187	853	0	LRR-RLP	same
At_RLP32	LRR-RLP	Sir	SI_C228887_1	66.517	669	187	853	0	LRR-RLP	same
At_RLP32	LRR-RLP	Sir	SI_scaffold1201_3	65.984	635	218	852	0	LRR-RLP	same
At_RLP32	LRR-RLP	Sir	SI_C226829_1	65.639	876	1	850	0	LRR-RLP	same
At_RLP32	LRR-RLP	Sir	SI_scaffold712_15	64.486	749	114	854	0	LRR-RLP	same
At_RLP32	LRR-RLP	Sir	SI_scaffold1201_18	64.347	819	69	846	0	LRR-RLP	same
At_RLP32	LRR-RLP	Sir	SI_scaffold651_14	63.594	857	9	853	0	LRR-RLP	same
At_RLP32	LRR-RLP	Sir	SI_scaffold429_15	63.587	736	117	850	0	LRR-RLP	same
At_RLP32	LRR-RLP	Sir	SI_scaffold2390_5	62.251	853	1	844	0	LRR-RLP	same
At_RLP32	LRR-RLP	Sir	SI_scaffold651_24	62.034	885	28	854	0	LRR-RLP	same
At_RLP32	LRR-RLP	Sir	SI_C228331_1	62.034	885	28	854	0	LRR-RLP	same
At_RLP32	LRR-RLP	Sir	SI_C225375_3	62.034	885	28	854	0	LRR-RLP	same
At_RLP32	LRR-RLP	Sir	SI_scaffold651_19	61.893	824	36	853	0	LRR-RLP	same
At_RLP32	LRR-RLP	Sir	SI_scaffold2443_26	61.705	833	69	831	0	LRR-RLK	different
At_RLP32	LRR-RLP	Sir	SI_scaffold651_20	60.343	875	14	841	0	LRR-RLP	same
At_RLP42	LRR-RLP	Sir	SI_scaffold1417_16	61.377	523	1	520	1.25E-174	LRR-RLP	same
At_RLP42	LRR-RLP	Sir	SI_scaffold651_19	68.601	879	1	876	0	LRR-RLP	same
At_RLP42	LRR-RLP	Sir	SI_scaffold1453_8	63.562	612	175	780	0	LRR-RLP	same
At_RLP42	LRR-RLP	Sir	SI_scaffold718_53	62	700	182	876	0	LRR-RLP	same
At_RLP42	LRR-RLP	Sir	SI_scaffold154_84	61.396	702	183	880	0	LRR-RLP	same
At_RPP1	TNL	Sir	SI_scaffold1847_1	60.577	208	97	304	4.32E-85	TX	different
At_RPP1	TNL	Sir	SI_scaffold158_1	60.42	619	95	711	0	TNL	same
At_RPP13	CNL	Sir	SI_scaffold592_1	65.285	386	1	384	2.38E-145	NBS	different
At_RPP2a	TNL	Sir	SI_C227795_1	62.319	414	3	414	4.16E-162	TNL	same
At_RPP2a	TNL	Sir	SI_scaffold842_25	62.155	399	11	409	3.61E-166	TN	different
At_RPP2a	TNL	Sir	SI_scaffold842_29	68.719	406	10	414	1.36E-171	TNL	same
At_RPP2a	TNL	Sir	SI_scaffold930_156	71.742	821	480	1299	0	NL	different
At_RPP2b	TNL	Sir	SI_scaffold930_157	71.263	1211	3	1183	0	TNL	same
At_RPP39	CNL	Sir	SI_scaffold216_7	65.32	297	55	351	6.09E-135	NBS	different
At_RPP39	CNL	Sir	SI_C205065_2	69.307	303	247	549	8.09E-146	NBS	different
At_RPP39	CNL	Sir	SI_scaffold2334_4	64.463	363	1	363	4.91E-147	CN	different
At_RPP39	CNL	Sir	SI_C214951_1	67.227	357	248	599	3.69E-158	CNL	same
At_RPP39	CNL	Sir	SI_C217313_1	64.439	883	1	873	0	CNL	same
At_RPP39	CNL	Sir	SI_C196787_1	63.093	569	299	860	0	NL	different
At_RPP39	CNL	Sir	SI_scaffold2334_3	62.514	875	25	876	0	CNL	same
At_RPP39	CNL	Sir	SI_scaffold1010_13	60.105	569	314	870	0	NL	different
At_RPP8	CNL	Sir	SI_scaffold461_17	68.196	327	3	329	1.52E-150	CNL	same
At_RPP8	CNL	Sir	SI_scaffold1384_210	68.894	913	1	908	0	CNL	same
At_RPP8	CNL	Sir	SI_scaffold162_11	66.156	913	3	908	0	CNL	same
At_RPS2	NL	Sir	SI_scaffold2159_199	84.945	910	1	909	0	CNL	different
At_RPS5	TNL	Sir	SI_scaffold249_155	66.061	881	1	880	0	CNL	different
At_RPS5	TNL	Sir	SI_scaffold249_162	61.628	774	119	880	0	CNL	different
At_RPS5	TNL	Sir	SI_scaffold249_153	60.582	893	1	880	0	CNL	different
At_RPS5	TNL	Sir	SI_scaffold1240_19	60.043	931	1	881	0	CNL	different
At_SOBI1	LRR-RLK	Sir	SI_scaffold3078_7	85.537	643	1	641	0	LRR-RLK	same
At_WRR12	TNL	Sir	SI_scaffold759_4	61.645	1009	1	989	0	TNL	same
At_WRR4a	TNL	Sir	SI_scaffold325_22	69.079	152	1	152	9.15E-58	TNL	same
At_WRR4a	TNL	Sir	SI_scaffold436_1	66.242	157	1	157	1.43E-60	TX	different
At_WRR4a	TNL	Sir	SI_scaffold1338_12	63.285	207	12	218	1.16E-77	TNL	same
At_WRR4a	TNL	Sir	SI_scaffold2804_1	62.185	238	8	245	6.76E-87	TNL	same
At_WRR4a	TNL	Sir	SI_scaffold1847_1	63.761	218	1	218	7.82E-92	TX	different
At_WRR4a	TNL	Sir	SI_scaffold1174_8	61.587	315	40	353	6.22E-125	TN	different
At_WRR4a	TNL	Sir	SI_scaffold146_21	60.155	517	7	521	0	TNL	same
At_WRR4b	TNL	Sir	SI_scaffold325_22	74.667	150	12	161	1.00E-61	TNL	same
At_WRR4b	TNL	Sir	SI_scaffold436_1	67.532	154	6	159	5.30E-62	TX	different
At_WRR4b	TNL	Sir	SI_scaffold1882_1	72.432	185	1	183	2.98E-88	TX	different
At_WRR4b	TNL	Sir	SI_scaffold1847_1	64.545	220	1	220	1.33E-94	TX	different
At_WRR4b	TNL	Sir	SI_scaffold2804_1	74.396	207	12	218	2.31E-95	TNL	same
At_WRR4b	TNL	Sir	SI_scaffold1174_8	66.349	315	42	355	4.93E-140	TN	different
At_WRR4b	TNL	Sir	SI_scaffold146_3	62.295	366	161	524	6.58E-144	NL	different
At_WRR4b	TNL	Sir	SI_scaffold146_21	67.057	513	11	522	0	TNL	same
At_WRR8	TNL	Sir	SI_scaffold1724_46	61.066	244	13	253	4.25E-85	TNL	same
At_WRR8	TNL	Sir	SI_scaffold862_17	61.838	925	5	918	0	TNL	same
At_WRR9	NL	Sir	SI_scaffold1882_1	67.027	185	5	186	1.05E-77	TX	different
At_WRR9	NL	Sir	SI_scaffold146_3	62.842	366	164	527	3.69E-140	NL	same

At_WRR9	NL	Sir	SI_scaffold325_12	61.039	1001	5	985	0	TNL	different
Bju_WRR1	CNL	Sir	SI_scaffold461_17	65.443	327	3	324	2.74E-139	CNL	same
Bju_WRR1	CNL	Sir	SI_scaffold162_11	61.184	912	3	900	0	CNL	same
Bju_WRR1	CNL	Sir	SI_scaffold1384_210	60.283	919	1	900	0	CNL	same
Bna_LepR3/Rlm2	LRR-RLP	Sir	SI_scaffold429_15	73.053	950	1	945	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Sir	SI_C226829_1	62.1	781	176	950	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Sir	SI_scaffold651_14	62.087	757	187	938	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Sir	SI_scaffold2443_28	61.869	674	276	947	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Sir	SI_C228887_1	61.869	674	276	947	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Sir	SI_scaffold1201_3	61.61	646	302	947	0	LRR-RLP	same
Bna_MPK9	Other-RLK	Sir	SI_C212699_1	81.081	407	100	506	0	Other-RLK	same
Bna_Rlm9/4/7	Other-RLK	Sir	SI_scaffold2049_126	75.513	829	1	794	0	Other-RLK	same
Bna_Rlm9/4/7	Other-RLK	Sir	SI_scaffold1597_89	63.317	796	17	793	0	Other-RLK	same
Bna_Rlm9/4/7	Other-RLK	Sir	SI_scaffold397_8	62.893	795	23	794	0	Other-RLK	same
Bna_Rlm9/4/7	Other-RLK	Sir	SI_scaffold1491_127	60.852	728	23	735	0	Other-RLK	same
Bol_FocBo1	TNL	Sir	SI_scaffold842_29	73.875	1378	5	1355	0	TNL	same
Bol_FocBo1	TNL	Sir	SI_scaffold842_25	70	400	10	409	0	TN	different
Bol_FocBo1	TNL	Sir	SI_C227795_1	64.309	905	5	907	0	TNL	same
Bra_cRa/cRb	TNL	Sir	SI_scaffold627_15	62.092	153	930	1082	1.18E-45	TNL	same
Bra_Crr1a	TNL	Sir	SI_scaffold627_18	63.964	222	676	894	1.92E-66	TNL	same
Bra_Crr1a	TNL	Sir	SI_scaffold627_18	60.821	268	676	939	6.61E-76	TNL	same
Bra_Crr1a	TNL	Sir	SI_scaffold101_105	66.379	232	12	213	2.89E-88	TX	different
Bra_Crr1a	TNL	Sir	SI_scaffold553_4	61.011	277	318	594	2.46E-101	NL	different
At_ADR1	NL	Sal	KAF8115254.1	61.501	813	6	787	0	NL	same
At_BAK1	LRR-RLK	Sal	KAF8098353.1	95.13	616	1	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Sal	KAF8097069.1	94.805	616	1	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Sal	KAF8050199.1	93.617	611	5	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Sal	KAF8112805.1	80.395	607	10	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Sal	KAF8091387.1	79.373	606	24	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Sal	KAF8118948.1	78.082	584	35	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Sal	KAF8090271.1	78.029	619	11	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Sal	KAF8049920.1	72.131	549	68	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Sal	KAF8049426.1	64.929	633	22	615	0	LRR-RLK	same
At_FLS2	LRR-RLK	Sal	KAF8117201.1	77.959	980	196	1170	0	LRR-RLK	same
At_NGR1a	RNL	Sal	KAF8101461.1	80.346	809	11	809	0	CNL	different
At_NGR1a	RNL	Sal	KAF8112165.1	70.579	656	1	636	0	CNL	different
At_NGR1a	RNL	Sal	KAF8085476.1	62.759	819	5	809	0	NL	different
At_NGR1b	RNL	Sal	KAF8101461.1	68.987	819	11	815	0	CNL	different
At_NGR1b	RNL	Sal	KAF8085476.1	61.642	816	11	815	0	NL	different
At_NGR1b	RNL	Sal	KAF8112165.1	61.002	659	5	642	0	CNL	different
At_PBS1	Other-RLK	Sal	KAF8047997.1	66.149	322	71	392	2.44E-158	Other-RLK	same
At_PBS1	Other-RLK	Sal	KAF8047998.1	60.541	370	28	392	1.54E-158	Other-RLK	same
At_PBS1	Other-RLK	Sal	KAF8116034.1	66.46	322	71	392	7.51E-159	Other-RLK	same
At_RAC1	TNL	Sal	KAF8118565.1	67.066	167	9	172	1.03E-67	TX	different
At_RAC1	TNL	Sal	KAF8044651.1	72.647	340	9	345	8.84E-170	TN	different
At_RFO1	Other-RLK	Sal	KAF8091446.1	62.441	213	542	750	2.48E-81	Other-RLK	same
At_RFO1	Other-RLK	Sal	KAF8103426.1	86.262	757	1	751	0	Other-RLK	same
At_RFO1	Other-RLK	Sal	KAF8083637.1	79.921	762	1	751	0	Other-RLK	same
At_RFO1	Other-RLK	Sal	KAF8094531.1	65.738	718	7	712	0	Other-RLK	same
At_RFO1	Other-RLK	Sal	KAF8064809.1	64.951	719	2	710	0	Other-RLK	same
At_RFO1	Other-RLK	Sal	KAF8094532.1	62.467	762	2	751	0	Other-RLK	same
At_RFO2	LRR-RLP	Sal	KAF8045120.1	60.569	246	504	749	2.49E-102	LRR-RLP	same
At_RFO2	LRR-RLP	Sal	KAF8106071.1	70.968	713	28	740	0	LRR-RLP	same
At_RFO2	LRR-RLP	Sal	KAF8080653.1	66.572	703	47	749	0	LRR-RLP	same
At_RFO2	LRR-RLP	Sal	KAF8099526.1	66.527	717	32	748	0	LRR-RLK	different
At_RFO2	LRR-RLP	Sal	KAF8114266.1	65.84	726	6	730	0	LRR-RLP	same
At_RFO3	Other-RLK	Sal	KAF8109710.1	61.441	236	515	750	1.37E-101	Other-RLK	same
At_RFO3	Other-RLK	Sal	KAF8083319.1	74.419	731	2	705	0	Other-RLK	same
At_RFO3	Other-RLK	Sal	KAF8080741.1	71.512	681	191	850	0	Other-RLK	same
At_RFO3	Other-RLK	Sal	KAF8107361.1	65.136	958	1	850	0	Other-RLK	same
At_RLM1a	TNL	Sal	KAF8087217.1	60.131	153	1	152	3.03E-58	TX	different
At_RLM1a	TNL	Sal	KAF8081485.1	64.286	154	5	158	1.12E-66	TX	different
At_RLM1a	TNL	Sal	KAF8094300.1	60.34	1001	3	993	0	TNL	same
At_RLM1b	TNL	Sal	KAF8082878.1	63.628	1031	1	993	0	TNL	same
At_RLM1b	TNL	Sal	KAF8094299.1	61.049	991	1	981	0	TNL	same
At_RLP1	LRR-RLP	Sal	KAF8104053.1	80.037	1082	1	1076	0	LRR-RLP	same
At_RLP23	LRR-RLP	Sal	KAF8096091.1	62.559	211	678	888	2.73E-81	LRR-RLP	same
At_RLP23	LRR-RLP	Sal	KAF8053593.1	71.579	380	509	888	0	LRR-RLP	same
At_RLP23	LRR-RLP	Sal	KAF8112028.1	69.451	874	19	890	0	LRR-RLP	same
At_RLP23	LRR-RLP	Sal	KAF8096085.1	68.65	874	19	890	0	LRR-RLP	same
At_RLP23	LRR-RLP	Sal	KAF8108771.1	68.276	870	18	887	0	LRR-RLP	same
At_RLP23	LRR-RLP	Sal	KAF8092581.1	67.95	883	1	881	0	LRR-RLP	same
At_RLP23	LRR-RLP	Sal	KAF8108774.1	67.808	876	17	890	0	LRR-RLP	same
At_RLP23	LRR-RLP	Sal	KAF8045493.1	65.694	720	175	889	0	LRR-RLP	same
At_RLP23	LRR-RLP	Sal	KAF8084401.1	64.831	708	182	888	0	LRR-RLP	same
At_RLP23	LRR-RLP	Sal	KAF8092574.1	64.779	724	171	889	0	LRR-RLP	same
At_RLP23	LRR-RLP	Sal	KAF8053603.1	64.505	586	290	874	0	LRR-RLP	same
At_RLP23	LRR-RLP	Sal	KAF8105233.1	63.7	719	175	889	0	LRR-RLP	same
At_RLP23	LRR-RLP	Sal	KAF8105234.1	63.352	704	175	876	0	LRR-RLP	same
At_RLP32	LRR-RLP	Sal	KAF8092002.1	70.136	221	634	854	1.64E-88	LRR-RLP	same
At_RLP32	LRR-RLP	Sal	KAF8085576.1	74.682	865	1	865	0	LRR-RLP	same
At_RLP32	LRR-RLP	Sal	KAF8085575.1	74.51	867	1	867	0	LRR-RLP	same
At_RLP32	LRR-RLP	Sal	KAF8083537.1	64.058	754	118	863	0	LRR-RLP	same
At_RLP32	LRR-RLP	Sal	KAF8106575.1	60.088	912	1	852	0	LRR-RLP	same
At_RLP42	LRR-RLP	Sal	KAF8096091.1	73.653	167	679	845	5.44E-82	LRR-RLP	same
At_RLP42	LRR-RLP	Sal	KAF8053593.1	73.973	365	512	876	0	LRR-RLP	same



At_RLP42	LRR-RLP	Sal	KAF8108774.1	68.354	869	18	880	0	LRR-RLP	same
At_RLP42	LRR-RLP	Sal	KAF8112028.1	67.857	868	19	880	0	LRR-RLP	same
At_RLP42	LRR-RLP	Sal	KAF8096085.1	67.166	868	19	880	0	LRR-RLP	same
At_RLP42	LRR-RLP	Sal	KAF8108771.1	66.047	860	18	876	0	LRR-RLP	same
At_RLP42	LRR-RLP	Sal	KAF8092581.1	64.739	882	1	877	0	LRR-RLP	same
At_RLP42	LRR-RLP	Sal	KAF8084401.1	64.023	706	175	879	0	LRR-RLP	same
At_RLP42	LRR-RLP	Sal	KAF8053603.1	63.621	580	291	868	0	LRR-RLP	same
At_RLP42	LRR-RLP	Sal	KAF8045493.1	63.319	717	183	889	0	LRR-RLP	same
At_RLP42	LRR-RLP	Sal	KAF8092574.1	62.762	717	183	889	0	LRR-RLP	same
At_RLP42	LRR-RLP	Sal	KAF8105234.1	62.572	692	182	870	0	LRR-RLP	same
At_RLP42	LRR-RLP	Sal	KAF8105233.1	62.375	699	182	876	0	LRR-RLP	same
At_RPM1	NL	Sal	KAF8094635.1	83.118	930	1	926	0	NL	same
At_RPP1	TNL	Sal	KAF8081485.1	60.39	154	89	242	5.32E-62	TX	different
At_RPP1	TNL	Sal	KAF8085339.1	66.071	168	94	261	9.92E-74	TX	different
At_RPP1	TNL	Sal	KAF8077018.1	72.193	187	94	280	2.26E-93	TX	different
At_RPP1	TNL	Sal	KAF8086279.1	69.589	365	95	459	1.03E-179	TN	different
At_RPP13	CNL	Sal	KAF8116607.1	68.421	836	1	829	0	CNL	same
At_RPP2a	TNL	Sal	KAF8077026.1	60.391	409	10	414	5.89E-146	TNL	same
At_RPP2a	TNL	Sal	KAF8102895.1	70.239	877	427	1300	0	TNL	same
At_RPP2a	TNL	Sal	KAF8102896.1	68.529	877	427	1300	0	TNL	same
At_RPP2b	TNL	Sal	KAF8102897.1	73.64	1195	1	1193	0	TNL	same
At_RPP39	CNL	Sal	KAF8044555.1	71.084	415	1	415	0	CN	different
At_RPP39	CNL	Sal	KAF8098363.1	65.84	887	1	870	0	CNL	same
At_RPP39	CNL	Sal	KAF8062888.1	64.972	885	1	878	0	CNL	same
At_RPP39	CNL	Sal	KAF8084217.1	62.76	913	1	870	0	CNL	same
At_RPP7	NL	Sal	KAF8116723.1	62.743	875	1	866	0	CNL	different
At_RPP7	NL	Sal	KAF8092678.1	61.859	624	1	620	0	NL	same
At_RPP8	CNL	Sal	KAF8080154.1	63.428	916	1	904	0	CNL	same
At_RPP8	CNL	Sal	KAF8105614.1	63.2	750	1	740	0	CNL	same
At_RPP8	CNL	Sal	KAF8101775.1	62.882	916	1	903	0	CNL	same
At_RPP8	CNL	Sal	KAF8105615.1	61.209	910	1	903	0	CNL	same
At_RPP8	CNL	Sal	KAF8105611.1	61.209	910	1	903	0	CNL	same
At_RPP8	CNL	Sal	KAF8093800.1	60.898	913	1	903	0	CNL	same
At_RPS2	NL	Sal	KAF8114000.1	83.956	910	1	909	0	CNL	different
At_RPS5	TNL	Sal	KAF8044716.1	65.163	399	1	399	0	CN	different
At_RPS5	TNL	Sal	KAF8087363.1	64.779	883	1	880	0	CNL	different
At_RPS5	TNL	Sal	KAF8111125.1	63.229	892	1	881	0	CNL	different
At_RPS5	TNL	Sal	KAF8098474.1	62.812	882	1	880	0	CNL	different
At_RPS5	TNL	Sal	KAF8058996.1	61.4	886	1	881	0	CNL	different
At_RPS5	TNL	Sal	KAF8098470.1	61.338	882	1	880	0	CNL	different
At_SOIR1	LRR-RLK	Sal	KAF8096053.1	81.719	640	6	640	0	LRR-RLK	same
At_SOIR1	LRR-RLK	Sal	KAF8086968.1	80.65	646	1	641	0	LRR-RLK	same
At_WRR12	TNL	Sal	KAF8114288.1	83.049	1056	3	1049	0	TNL	same
At_WRR4a	TNL	Sal	KAF8087217.1	62.581	155	1	153	1.53E-58	TX	different
At_WRR4a	TNL	Sal	KAF8081485.1	67.516	157	1	157	3.47E-69	TX	different
At_WRR4b	TNL	Sal	KAF8087217.1	63.576	151	4	153	2.18E-60	TX	different
At_WRR4b	TNL	Sal	KAF8081485.1	68.831	154	6	159	8.74E-71	TX	different
At_WRR8	TNL	Sal	KAF8118565.1	68.675	166	20	182	3.94E-72	TX	different
At_WRR8	TNL	Sal	KAF8044651.1	72.807	342	19	357	2.44E-173	TN	different
Bju_WRR1	CNL	Sal	KAF8101775.1	82.508	909	1	905	0	CNL	same
Bju_WRR1	CNL	Sal	KAF8105611.1	70.374	908	1	904	0	CNL	same
Bju_WRR1	CNL	Sal	KAF8105615.1	69.846	912	1	904	0	CNL	same
Bju_WRR1	CNL	Sal	KAF8105614.1	69.721	753	1	745	0	CNL	same
Bna_LepR3/Rlm2	LRR-RLP	Sal	KAF8092002.1	66.239	234	718	950	1.86E-85	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Sal	KAF8100137.1	71.067	712	1	708	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Sal	KAF8085575.1	60.302	796	163	948	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Sal	KAF8085576.1	60.302	796	163	948	0	LRR-RLP	same
Bna_Rlm9/4/7	Other-RLK	Sal	KAF8091446.1	69.955	223	575	793	6.20E-95	Other-RLK	same
Bna_Rlm9/4/7	Other-RLK	Sal	KAF8103088.1	84.757	761	1	760	0	Other-RLK	same
Bol_FocBo1	TNL	Sal	KAF8081485.1	63.333	150	5	154	2.80E-60	TX	different
Bol_FocBo1	TNL	Sal	KAF8087217.1	64.43	149	5	152	1.70E-63	TX	different
Bra_cRa/cRb	TNL	Sal	KAF8085339.1	64.848	165	73	237	3.81E-67	TX	different
Bra_cRa/cRb	TNL	Sal	KAF8077018.1	63.784	185	73	257	1.13E-75	TX	different
Bra_cRa/cRb	TNL	Sal	KAF8101393.1	66.821	1296	1	1268	0	TNL	same
Bra_cRa/cRb	TNL	Sal	KAF8114966.1	64.456	754	1	734	0	TNL	same
Bra_Crr1a	TNL	Sal	KAF8087217.1	60.897	156	57	211	1.34E-61	TX	different
Bra_Crr1a	TNL	Sal	KAF8087555.1	65.541	148	67	214	3.34E-64	TX	different
Bra_Crr1a	TNL	Sal	KAF8085339.1	64.458	166	67	232	2.18E-70	TX	different
Bra_Crr1a	TNL	Sal	KAF8077018.1	64.583	192	67	258	1.72E-82	TX	different
Bra_Crr1a	TNL	Sal	KAF8090866.1	60.082	243	68	310	1.45E-90	TN	different
Bra_Crr1a	TNL	Sal	KAF8114966.1	80.15	665	66	730	0	TNL	same
Bra_Crr1a	TNL	Sal	KAF8114969.1	64.056	1213	1	1090	0	Other-NLR	different
Bra_Crr1a	TNL	Sal	KAF8082977.1	61.825	1260	66	1214	0	TNL	same
At_BAK1	LRR-RLK	Tar	Ta02674	95.61	615	1	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Tar	Ta11929	77.419	620	24	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Tar	Ta19321	74.92	622	13	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Tar	Ta25247	64.646	594	10	555	0	LRR-RLK	same
At_FLS2	LRR-RLK	Tar	Ta04995	81.624	1170	1	1166	0	LRR-RLK	same
At_NGR1a	RNL	Tar	Ta02427	67.07	413	404	809	3.01E-178	CNL	different
At_NGR1a	RNL	Tar	Ta02428	77.985	804	12	809	0	CNL	different
At_NGR1a	RNL	Tar	Ta02427	65.239	817	7	803	0	CNL	different
At_NGR1b	RNL	Tar	Ta02427	60.412	437	387	815	2.77E-163	CNL	different
At_NGR1b	RNL	Tar	Ta02428	67.611	812	14	815	0	CNL	different
At_NGR1b	RNL	Tar	Ta02427	64.015	817	9	810	0	CNL	different
At_RAC1	TNL	Tar	Ta08988	68.345	278	160	437	2.54E-102	NL	different
At_RAC1	TNL	Tar	Ta24801	60.567	388	9	393	2.66E-145	TX	different



At_RFO1	Other-RLK	Tar	Ta03721	81.743	241	446	686	7.10E-127	Other-RLK	same
At_RFO1	Other-RLK	Tar	Ta03916	60.187	427	325	747	1.27E-154	Other-RLK	same
At_RFO1	Other-RLK	Tar	Ta06877	87.225	728	22	740	0	Other-RLK	same
At_RFO1	Other-RLK	Tar	Ta06876	73.881	402	309	698	0	Other-RLK	same
At_RFO1	Other-RLK	Tar	Ta03721	68.543	693	12	696	0	Other-RLK	same
At_RFO1	Other-RLK	Tar	Ta03721	64.636	755	10	751	0	Other-RLK	same
At_RFO1	Other-RLK	Tar	Ta03721	63.102	748	1	715	0	Other-RLK	same
At_RFO2	LRR-RLP	Tar	Ta20922	72.184	719	19	737	0	LRR-RLK	different
At_RFO2	LRR-RLP	Tar	Ta03822	70.822	754	1	753	0	LRR-RLP	same
At_RFO3	Other-RLK	Tar	Ta08744	60.173	231	515	745	1.07E-82	Other-RLK	same
At_RFO3	Other-RLK	Tar	Ta16704	71.547	847	30	850	0	Other-RLK	same
At_RFO3	Other-RLK	Tar	Ta16704	68.303	937	1	849	0	Other-RLK	same
At_RLM1a	TNL	Tar	Ta16523	60.234	171	16	183	1.53E-52	TN	different
At_RLM1a	TNL	Tar	Ta25952	63.087	149	10	158	4.55E-59	TX	different
At_RLM1a	TNL	Tar	Ta16522	76.159	151	8	158	2.98E-76	TX	different
At_RLM1a	TNL	Tar	Ta16523	69.466	262	164	423	3.97E-105	TN	different
At_RLM1b	TNL	Tar	Ta16523	60.465	172	15	184	1.59E-53	TN	different
At_RLM1b	TNL	Tar	Ta16523	68.679	265	164	426	7.70E-104	TN	different
At_RLM1b	TNL	Tar	Ta15205	60.211	284	437	720	7.64E-108	LRR-RLP	different
At_RLM1b	TNL	Tar	Ta15202	63.58	648	372	1009	0	NL	different
At_RLM3	TN	Tar	Ta19917	60.432	278	159	427	3.56E-94	NL	different
At_RLM3	TN	Tar	Ta20013	60.65	277	159	427	1.44E-105	NL	different
At_RLP1	LRR-RLP	Tar	Ta12797	73.426	1080	1	1077	0	LRR-RLP	same
At_RLP23	LRR-RLP	Tar	Ta22122	66.168	869	22	890	0	LRR-RLP	same
At_RLP23	LRR-RLP	Tar	Ta13179	65.266	714	175	885	0	LRR-RLP	same
At_RLP23	LRR-RLP	Tar	Ta20228	63.164	866	20	874	0	LRR-RLP	same
At_RLP30	LRR-RLP	Tar	Ta11898	66.514	218	569	783	1.81E-73	LRR-RLP	same
At_RLP30	LRR-RLP	Tar	Ta11897	69.5	200	581	779	6.24E-85	LRR-RLP	same
At_RLP30	LRR-RLP	Tar	Ta13655	61.314	274	485	754	1.59E-105	LRR-RLP	same
At_RLP32	LRR-RLP	Tar	Ta23201	77.181	149	655	803	6.87E-69	LRR-RLP	same
At_RLP32	LRR-RLP	Tar	Ta14238	73.016	189	418	606	2.72E-77	LRR-RLP	same
At_RLP32	LRR-RLP	Tar	Ta16681	63.559	236	612	846	4.76E-83	LRR-RLP	same
At_RLP32	LRR-RLP	Tar	Ta27115	61.635	318	159	475	2.63E-106	LRR-RLP	same
At_RLP32	LRR-RLP	Tar	Ta27222	71.605	243	612	854	5.76E-117	LRR-RLP	same
At_RLP32	LRR-RLP	Tar	Ta23208	63.784	370	159	527	1.37E-136	LRR-RLP	same
At_RLP32	LRR-RLP	Tar	Ta23209	70.06	668	187	853	0	LRR-RLP	same
At_RLP32	LRR-RLP	Tar	Ta16684	69.973	736	114	848	0	LRR-RLP	same
At_RLP32	LRR-RLP	Tar	Ta19632	68.732	710	159	866	0	LRR-RLP	same
At_RLP32	LRR-RLP	Tar	Ta14240	66.98	745	113	856	0	LRR-RLP	same
At_RLP32	LRR-RLP	Tar	Ta16686	66.234	770	90	852	0	LRR-RLP	same
At_RLP32	LRR-RLP	Tar	Ta26856	65.672	737	113	848	0	LRR-RLP	same
At_RLP32	LRR-RLP	Tar	Ta17948	65.195	589	281	868	0	LRR-RLP	same
At_RLP32	LRR-RLP	Tar	Ta14238	64.175	709	42	744	0	LRR-RLP	same
At_RLP32	LRR-RLP	Tar	Ta14238	63.931	865	4	866	0	LRR-RLP	same
At_RLP42	LRR-RLP	Tar	Ta22122	64.245	867	18	880	0	LRR-RLP	same
At_RLP42	LRR-RLP	Tar	Ta13179	63.623	701	182	876	0	LRR-RLP	same
At_RLP42	LRR-RLP	Tar	Ta20228	62.545	841	37	868	0	LRR-RLP	same
At_RPM1	NL	Tar	Ta04171	83.459	931	1	926	0	NL	same
At_RPP1	TNL	Tar	Ta23923	71.975	157	85	241	4.17E-73	TX	different
At_RPP1	TNL	Tar	Ta23545	60.905	243	248	490	2.65E-93	NBS	different
At_RPP13	CNL	Tar	Ta23819	65.333	375	1	375	2.51E-151	CN	different
At_RPP13	CNL	Tar	Ta21221	66.228	835	1	830	0	CNL	same
At_RPP2a	TNL	Tar	Ta19917	64.706	255	161	414	9.00E-91	NL	different
At_RPP2a	TNL	Tar	Ta19921	63.386	254	161	414	3.09E-91	NL	different
At_RPP2a	TNL	Tar	Ta20013	65.354	254	161	414	7.22E-99	NL	different
At_RPP2a	TNL	Tar	Ta10587	68.592	277	138	414	3.12E-102	NL	different
At_RPP2a	TNL	Tar	Ta12833	80	245	1056	1300	1.81E-122	TNL	same
At_RPP2a	TNL	Tar	Ta13049	72.606	825	476	1299	0	TNL	same
At_RPP2a	TNL	Tar	Ta12836	71.413	906	408	1299	0	TNL	same
At_RPP2b	TNL	Tar	Ta12832	78.404	426	752	1165	0	NL	different
At_RPP2b	TNL	Tar	Ta12834	74.979	1187	1	1185	0	Other-NLR	different
At_RPP2b	TNL	Tar	Ta13049	73.391	1041	127	1165	0	TNL	same
At_RPP39	CNL	Tar	Ta19294	77.37	327	171	497	3.08E-178	CNL	same
At_RPP39	CNL	Tar	Ta19295	67.098	851	42	868	0	CNL	same
At_RPP4	TNL	Tar	Ta10587	61.168	291	812	1100	1.40E-93	NL	different
At_RPP4	TNL	Tar	Ta19917	64.539	282	163	443	2.90E-103	NL	different
At_RPP5	TNL	Tar	Ta19917	66.667	279	166	443	5.66E-104	NL	different
At_RPP7	NL	Tar	Ta23683	63.291	158	12	168	9.80E-52	NL	same
At_RPP7	NL	Tar	Ta25896	63.714	700	1	694	0	NL	same
At_RPP8	CNL	Tar	Ta18815	73.684	247	1	247	2.03E-125	CN	different
At_RPP8	CNL	Tar	Ta01723	65.359	918	1	906	0	NL	different
At_RPS2	NL	Tar	Ta01530	85.479	909	1	909	0	CNL	different
At_RPS4	TNL	Tar	Ta12930	65.145	241	953	1193	1.01E-93	NL	different
At_RPS4	TNL	Tar	Ta12930	61.854	1025	129	1139	0	NL	different
At_RPS5	TNL	Tar	Ta25636	72.237	371	65	432	0	NBS	different
At_RRS1	TNL	Tar	Ta12928	68.132	273	497	766	2.62E-112	NL	different
At_SOIR1	LRR-RLK	Tar	Ta14326	85.358	642	1	641	0	LRR-RLK	same
At_WRR4b	TNL	Tar	Ta16523	61.272	173	16	185	9.26E-55	TN	different
At_WRR4b	TNL	Tar	Ta25952	65.101	149	11	159	8.91E-61	TX	different
At_WRR4b	TNL	Tar	Ta16523	62.205	254	165	416	1.06E-84	TN	different
At_WRR8	TNL	Tar	Ta08988	67.021	282	170	451	7.48E-105	NL	different
At_WRR8	TNL	Tar	Ta24801	63.239	389	20	404	7.20E-155	TX	different
At_WRR9	NL	Tar	Ta16523	61.132	265	168	430	1.32E-88	TN	different
Bju_WRR1	CNL	Tar	Ta18815	70.492	244	1	239	1.32E-117	CN	different
Bju_WRR1	CNL	Tar	Ta09903	61.079	686	141	813	0	NL	different
Bna_LepR3/Rlm2	LRR-RLP	Tar	Ta14238	64.398	191	502	692	4.29E-65	LRR-RLP	same

Bna_LepR3/Rlm2	LRR-RLP	Tar	Ta23201	68.478	184	738	920	8.35E-69	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Tar	Ta27222	66.016	256	696	950	5.93E-112	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Tar	Ta23208	60.49	367	247	610	5.89E-116	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Tar	Ta19632	65.581	706	247	948	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Tar	Ta14238	64.721	754	198	948	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Tar	Ta23209	64.157	664	276	938	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Tar	Ta16684	63.09	848	106	950	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Tar	Ta17948	62.544	566	370	931	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Tar	Ta16686	62.423	809	137	933	0	LRR-RLP	same
Bna_LepR3/Rlm2	LRR-RLP	Tar	Ta14238	61.201	683	148	827	0	LRR-RLP	same
Bna_Rlm9/4/7	Other-RLK	Tar	Ta03721	74.699	249	477	725	1.94E-114	Other-RLK	same
Bna_Rlm9/4/7	Other-RLK	Tar	Ta03916	66.412	393	401	790	7.22E-149	Other-RLK	same
Bna_Rlm9/4/7	Other-RLK	Tar	Ta06876	70.277	397	344	730	0	Other-RLK	same
Bna_Rlm9/4/7	Other-RLK	Tar	Ta22586	64.653	778	28	793	0	Other-RLK	same
Bna_Rlm9/4/7	Other-RLK	Tar	Ta22585	63.602	805	1	793	0	Other-RLK	same
Bna_Rlm9/4/7	Other-RLK	Tar	Ta06877	61.675	788	23	794	0	Other-RLK	same
Bol_FocBo1	TNL	Tar	Ta19917	60.3	267	516	780	1.04E-88	NL	different
Bol_FocBo1	TNL	Tar	Ta19917	74.483	290	160	448	6.67E-127	NL	different
Bol_FocBo1	TNL	Tar	Ta19921	72.509	291	160	450	3.11E-131	NL	different
Bra_Crr1a	TNL	Tar	Ta16118	60.377	212	585	793	6.08E-69	NL	different
At_BAK1	LRR-RLK	Tpa	c0014_00534	95.447	615	1	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Tpa	c0010_00354	79.736	607	10	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Tpa	c0122_00010	79.008	605	24	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Tpa	c0012_00490	79.008	605	24	615	0	LRR-RLK	same
At_BAK1	LRR-RLK	Tpa	c0001_02630	73.226	620	11	615	0	LRR-RLK	same
At_FLS2	LRR-RLK	Tpa	c0003_01788	81.392	790	386	1173	0	LRR-RLK	same
At_NGR1a	RNL	Tpa	c0003_00095	78.773	815	1	809	0	NL	different
At_NGR1a	RNL	Tpa	c0362_00004	77.273	814	1	809	0	NL	different
At_NGR1a	RNL	Tpa	c0003_00094	68.069	808	15	809	0	CNL	different
At_NGR1b	RNL	Tpa	c0003_00095	67.072	823	5	815	0	NL	different
At_NGR1b	RNL	Tpa	c0362_00004	65.45	822	5	815	0	NL	different
At_NGR1b	RNL	Tpa	c0003_00094	62.699	815	16	815	0	CNL	different
At_RFO1	Other-RLK	Tpa	c0001_01253	63.66	754	8	751	0	Other-RLK	same
At_RFO1	Other-RLK	Tpa	c0001_01254	62.74	730	7	718	0	Other-RLK	same
At_RFO2	LRR-RLP	Tpa	c0187_00006	65.765	739	13	748	0	LRR-RLK	different
At_RFO2	LRR-RLP	Tpa	c0012_00540	65.765	739	13	748	0	LRR-RLK	different
At_RFO2	LRR-RLP	Tpa	c0001_01341	64.267	750	6	754	0	LRR-RLP	same
At_RFO3	Other-RLK	Tpa	c0005_01418	66.784	855	15	850	0	Other-RLK	same
At_RLM1a	TNL	Tpa	c0009_00368	60.819	171	13	183	7.92E-64	TX	different
At_RLM1a	TNL	Tpa	c0026_00082	69.613	181	1	181	2.42E-87	TX	different
At_RLM1a	TNL	Tpa	c0007_00316	60.274	438	187	621	0	NL	different
At_RLM1b	TNL	Tpa	c0026_00082	76.536	179	1	179	1.77E-93	TX	different
At_RLM1b	TNL	Tpa	c0026_00081	66.176	1020	7	1009	0	Other-NLR	different
At_RLM3	TN	Tpa	c0006_00829	64.103	156	1	153	3.17E-62	TX	different
At_RLP1	LRR-RLP	Tpa	c0001_00531	79.573	1077	1	1077	0	LRR-RLP	same
At_RLP1	LRR-RLP	Tpa	c0136_00002g	67.864	1002	24	1023	0	LRR-RLP	same
At_RLP23	LRR-RLP	Tpa	c0004_01429	64.068	295	175	467	4.92E-106	LRR-RLP	same
At_RLP23	LRR-RLP	Tpa	c0166_00004	69.495	872	1	868	0	LRR-RLP	same
At_RLP23	LRR-RLP	Tpa	c0004_01478	69.495	872	1	868	0	LRR-RLP	same
At_RLP30	LRR-RLP	Tpa	c0012_00051	65.605	157	630	786	2.75E-68	LRR-RLP	same
At_RLP32	LRR-RLP	Tpa	c0246_00007	64.753	871	9	852	0	LRR-RLP	same
At_RLP32	LRR-RLP	Tpa	c0016_00305	61.547	879	1	852	0	LRR-RLP	same
At_RLP42	LRR-RLP	Tpa	c0004_01429	61.458	288	182	467	2.08E-99	LRR-RLP	same
At_RLP42	LRR-RLP	Tpa	c0166_00004	67.664	869	1	862	0	LRR-RLP	same
At_RLP42	LRR-RLP	Tpa	c0004_01478	67.664	869	1	862	0	LRR-RLP	same
At_RPP1	TNL	Tpa	c0005_00285	60.697	201	64	264	1.11E-80	TX	different
At_RPP13	CNL	Tpa	c0007_00166	62.102	847	1	833	0	NL	different
At_RPP2a	TNL	Tpa	c0006_00829	66.234	154	2	155	1.06E-66	TX	different
At_RPP2a	TNL	Tpa	c0006_00830	67.843	255	161	414	3.19E-96	NL	different
At_RPP39	CNL	Tpa	c0015_00366	65.877	211	1	211	2.76E-87	CNL	same
At_RPP39	CNL	Tpa	c0015_00307	75.214	234	1	234	3.31E-120	CN	different
At_RPP39	CNL	Tpa	c1198_00001	74.194	279	1	279	8.71E-145	CN	different
At_RPP4	TNL	Tpa	c0006_00829	68.182	154	3	156	1.93E-68	TX	different
At_RPP5	TNL	Tpa	c0006_00829	71.069	159	1	159	3.02E-70	TX	different
At_RPP8	CNL	Tpa	c0003_02103	60.625	160	216	371	3.06E-57	NL	different
At_RPP8	CNL	Tpa	c0023_00078	77.381	252	1	252	2.10E-130	CN	different
At_RPS2	NL	Tpa	c0006_01486	84.048	909	1	909	0	CNL	different
At_SOBR1	LRR-RLK	Tpa	c0004_01545	83.488	648	1	641	0	LRR-RLK	same
At_WRR12	TNL	Tpa	c0016_00185	62.064	688	11	691	0	TNL	same
At_WRR4a	TNL	Tpa	c0026_00082	64.641	181	1	180	1.53E-78	TX	different
At_WRR4b	TNL	Tpa	c0009_00368	61.818	165	14	178	7.07E-65	TX	different
At_WRR4b	TNL	Tpa	c0026_00082	70.556	180	1	180	9.11E-88	TX	different
At_WRR4b	TNL	Tpa	c0026_00083	65.289	363	12	370	1.66E-154	TNL	same
At_WRR9	NL	Tpa	c0026_00082	64.804	179	5	183	1.29E-76	TX	different
At_WRR9	NL	Tpa	c0026_00083	62.259	363	15	373	4.56E-146	TNL	different
Bju_WRR1	CNL	Tpa	c0023_00078	72.332	253	1	248	2.93E-122	CN	different
Bna_LepR3/Rlm2	LRR-RLP	Tpa	c0246_00007	62.371	776	180	948	0	LRR-RLP	same
Bna_MPK9	Other-RLK	Tpa	c0002_01170	80.841	428	82	506	0	Other-RLK	same
Bol_FocBo1	TNL	Tpa	c0006_00830	78.012	1187	160	1341	0	NL	different
Bra_cRa/cRb	TNL	Tpa	c0005_00285	60.674	178	61	237	2.77E-68	TX	different
Bra_Crr1a	TNL	Tpa	c0005_00285	65.116	172	62	232	6.13E-75	TX	different
Bra_Crr1a	TNL	Tpa	c0006_01108	64.366	1159	66	1217	0	TNL	same

---

\*note: Aha=Arabidopsis halleri, Aly=Arabidopsis lyrata, Aal=Arabis alpina, Bvu=Barbarea vulgaris, Bst=Boechera stricta, Bcr=Brassica cretica, Csa=Camelina sativa, Cgr=Capsella grandiflora, Cbp=Capsella bursa-pastoris, Cru= Capsella rubella, Chi=Cardamine hirsuta, Esa=Eutrema salsugineum, Lal=Leavenworthia alabamica, Lme=Lepidium meyenii, Rra=Raphanus raphanistrum, Rsa=Raphanus sativus, Sal=Sinapis alba, Sir=Sisymbrium irio, Spa=Schrenkiella parvula, Tpa=Thlaspi arvense, Main RGA classes, NLR= nucleotide-binding site (NBS) -leucine rich repeats (LRR), RLK= receptor-like protein kinases (RLKs), RLP= receptor-like proteins. NLRs subclasses, CN= coiled-coil (CC)-NBS, CNL, NBS, NL= NBS-LRR, TNL= Toll/Interleukin-1 receptor (TIR)-NBS-LRR, TN= TIR-NBS, TX= TIR with unknown domains, Other-NLR= NLR with other domains; RLK subclasses, LRR-RLK, Lysin motif (Lysm )-RLK, Other (other-receptor)-RLK; RLP subclasses, LRR-RLP and Lysm-RLP.