

Group I

1. Os01g66270.1	RYRGVRRRRWGKWVSEIRVPGTRERLWLGSYATPEAAAVAHDTAVYFIRGGAG--DGGGGGATLNF
2. Os05g34730.1	RYRGVRRRRWGKWVSEIRVPGTRERLWLGSYATPEAAAVAHDAAYCLRLGGGRRAAAGGGGGLNFP
3. AT1G22190.1	LYRGVRRQRHWGKWVAEIRLPNNRTRLWLGTFTDAEEAALAYDKAAAYKLR-----GDFARLNFP
4. AT1G78080.1	LYRGVRRQRHWGKWVAEIRLPNNRTRLWLGTFTDAEEAALAYDKAAAYKLR-----GDFARLNFP
5. AT1G36060.1	LYRGVRRQRHWGKWVAEIRLPNNRTRLWLGTFTDAEEAALAYDRAAFKLR-----GDSARLNFP
6. Os03g09170.1	LYRGVRRQRHWGKWVAEIRLPNNRTRLWLGTFTDAEEAALAYDSAAFRLR-----GSARLNFP
7. Os10g22600.1	LYRGVRRQRHWGKWVAEIRLPNNRTRLWLGTFTDAEEAALAYDGAAFRLR-----GDAARLNFP
8. Os09g20350.1	LYRGVRRQRHWGKWVAEIRLPNNRTRLWLGTFTDAEEAALAYDQAAAYRLR-----GDAARLNFP
9. Os08g31580.1	LYRGVRRQRHWGKWVAEIRLPNNRTRLWLGTFTDAEEAALTYDQAAAYRLR-----GDAARLNFP
10. Os02g51670.1	LYRGVRRQRHWGKWVAEIRLPKNRTRLWLGTFTDAEEAALAYDKAAFRRLR-----GDLARLNFP
11. Os06g11860.1	MYRGVRRQRHWGKWVAEIRLPKNRTRLWLGTFTDAEEAALAYDKAAFRRLR-----GDAARLNFP
12. AT2G22200.1	LYRGVRRQRHWGKWVAEIRLPKNRTRLWLGTFTAEKKAALAYDQAAFRLR-----GDIAKLNFP
13. AT4G39780.1	LYRGVRRQRHWGKWVAEIRLPKNRTRLWLGTFTDAEEAAMAYDLAAYKLR-----GEFARLNFP
14. AT5G65130.1	LYRGVRRQRHWGKWVAEIRLPKNRTRLWLGTFTAEQAALAYDQAAHKLR-----GDNARLNFP
15. Pp1s187_47V6.1	LYRGVRRQRHWGKWVAEIRLPKNRTRLWLGTFTDAEEAALAYDAAAYKLR-----GEYARLNFP
16. Pp1s335_8V6.1	LYRGVRRQRHWGKWVAEIRLPNNRTRLWLGTFTAEKKAAMAYDAAAYKLR-----GEYARLNFP
17. Pp1s21_214V6.1	KYRGVRRQRHWGKWVSEIRHPQLKTRVWLGTFTAEADAAHAYDEAARLMC-----GAKARTNFP
18. Pp1s79_25V6.1	RYRGVRRQRHWGKWVSEIRHPQLKTRVWLGTFTAEADAAHAYDEAARLMC-----GARARTNFP
19. AT1G64380.1	LYRGVRRQRHWGKWVAEIRLPQNRMRWLGTFTDAEEAAAYADRAAYKLR-----GEYARLNFP
20. Os04g44670.1	LYRGVRRQRHWGKWVAEIRLPNNRTRLWLGTFTDAEEAAMAYDRFAFKLR-----GENARLNFP

Group IIb

1. AT1G21910.1	YKGVFMR-SWGSWVSEIRAPN-QKTRIWLGSYSTAEAAARAYDVALLCLKGPQAN-LNF
2. AT1G77640.1	YKGVFMR-SWGSWVTEIRAPN-QKTRIWLGSYSTAEAAARAYDAAALLCLKGPKAN-LNF
3. AT1G44830.1	YKGVFMR-SWGSWVSEIRAPN-QKTRIWLGSYSTAEAAARAYDAAALLCLKGSSANNLNFP
4. Os06g10780.1	YKGVFMR-SWGSWVSEIRAPS-QKTRIWLGSYSTAEAAARAYDAAALLCLKGSAAADLNFP
5. Os03g15660.1	YKGVFMR-SWGSWVSEIRAPH-QKRRIWLGSYSTAEAAARAYDAAALLCLKGSDAM-LNF
6. Pp1s119_43V6.1	FKGIRYRPELGRYISEIRPAQPKRKKIWLGTFTAEAAARAFDAGIFYTKKPIFY--NF
7. Pp1s86_33V6.1	FKGIRFRPELGRYISEIRPAHPRKRIWLGTFTAEAAARAFDAGIFYTKKPIFY--NF
8. Pp1s11_280V6.1	YKGIIRYRPELGRYISEIRPAQPKRKKIWLGTFTAEAAARAFDAGIFYTKKPINY--NF
9. Pp1s77_98V6.1	YKGIIRYRPELGRYISEIRPAQPKRKKIWLGTFTAEAAARAFDAGIFYTKKPIDY--NF
10. AT4G31060.1	YRGVRRK-SWGWVSEIRVPK-TGRRIWLGSYDAPEKAAARAYDAAALLFCIRGKGW-YNF
11. Pp1s373_18V6.1	YRGVRRHPELKNWVTEIRPTA-QKRRKIWLGTFTAEAAARAYDVGIFYTGKKIPIL--NF

Group IIc

1. Os09g35020.1	KRPAGRTKFRETRHPVYRGVRRRGG---AGRWVCEWRVPGKRGRALWLGTFTAEAAARAHDAAMLALR--GGAGGGGAACLNFP
2. Os09g35030.1	KRPAGRTKFRETRHPVFRGVRRRGN---AGRWVCEWRVPGRRGRLWLGTFTDAEGAARAHDAAMLALNAGGGGGGGGACLNFP
3. Os09g35010.1	KRPAGRTKFRETRHPVYRGVRRRGGRPGAAAGRWVCEWRVPGARGSLWLGTFTATAAAARAHDAAMLALR-----GRAACLNFP
4. Os08g43200.1	KRPAGRTKFQETRHPVFRGVRRRGR---AGRWVCEWRVPGSGRDLWLGTFTAEAAARAHDAAMLALC-----GASALCNFP
5. Os08g43210.1	KRPAGRTKFHETRHPVFRGVRRRGR---AGRWVCEWRVPGRRGRLWLGTFTDAADAARAHDAAMLALR-----GRAAACLNFP
6. Os06g03670.1	KRPAGRTKFRETRHPVYRGVRRRG---AGRWVCEWRVPEPNKK-SRIWLGTFTATAAAARAHDAAMLALR-----GRGACLNFP
7. AT1G12610.1	KKRAGRRVFKETRHPVYRGIRRRNG---DKWVCEWRPEPTHQ-RRWLGTFTPTADMAARAHDAAMLALR-----GRSACLNFP
8. AT1G63030.1	KKRAGRRVFKETRHPVYRGVRRRDG---DKWVCEWRPEPIHQ-RRWLGTFTPTADMAARAHDAAMLALR-----GRSACLNFP
9. AT4G25470.1	KKPAGRKKFRETRHPVYRGVRRQNS---GKWVCEWRPEPNKK-TRIWLGTFTQTAEMAARAHDAAMLALR-----GRSACLNFP
10. AT4G25490.1	KKPAGRKKFRETRHPVYRGVRRQNS---GKWVCEWRPEPNKK-TRIWLGTFTQTAEMAARAHDAAMLALR-----GRSACLNFP
11. AT4G25480.1	KKPAGRKKFRETRHPVYRGVRRRNS---GKWVCEWRPEPNKK-TRIWLGTFTQTAEMAARAHDAAMLALR-----GRSACLNFP
12. AT5G51990.1	KKRAGRKKFRETRHPVYRGVRRQNS---GKWVCEWRPEPNKK-SRIWLGTFTPTVEMAARAHDAAMLALR-----GRSACLNFP
13. Os02g45450.1	KRRAGRTKFKEETRHPVFKGVRRRNP---GRWVCEWRPEPHGK-QRIWLGTFTAEEMAARAHDAAMLALR-----GRAACLNFP
14. Os04g48350.1	KRRAGRTKFKEETRHPVYKGVRSNP---GRWVCEWRPEPHGK-QRIWLGTFTAEEMAARAHDAAMALR-----GRAACLNFP
15. Os01g73770.1	KRRAGRKKFRETRHPVYRGVRRARAG---GSRWVCEWRPEPQAK-ARIWLGTFTPTVEMAARAHDAAMLALR-----GIRGALCNFP

Group VIIa

1. AT1G72360.1	YKGIRRRPWGRWAAEIRDP-IRKGVRWLGTFTNTAEAAARAYDLEAKRIRGAKAKLNFP
2. Os07g42510.1	YRGIRQRPWGKWAEEIRDP-RKGVRWLGTFTGTAEEAAMAYDVLEARRIRGKKAKLNFP
3. AT2G47520.1	YRGIRQRPWGKWAEEIRDP-SKGVRWLGTFTKTADEAARAYDVAAIKIRGKKAKLNFP
4. Os03g08470.1	IFRGIRQRPWGKWAEEIRDP-HKGTWVWLGTFTNTPEAAARAYDVLEARRIRGSSKAKLNFP
5. Os02g54160.1	FRGIRQRPWGKWAEEIRDP-RKGVRWLGTFTNSAEAAARAYDALEARRIRGKKAKLNFP
6. Os06g09390.1	FRGIRQRPWGKWAEEIRDP-RKGVRWLGTFTNSAEAAARAYDALEARRIRGKKAKLNFP
7. Os09g26420.1	YRGIRQRPWGKWAEEIRDP-SKGVRWLGTNTAEAAARAYDALEARRIRGKKAKLNFP
8. AT1G53910.1	YRGIRQRPWGKWAEEIRDP-REGARWLGTFTKTAEEAARAYDAAARRIRGSKAKLNFP
9. AT3G14230.1	YRGIRQRPWGKWAEEIRDP-RKGSREWLGTFTDAEEAARAYDAAARRIRGTAKLNFP
10. AT3G16770.1	YRGIRKR PWGKWAEEIRDP-RKGVRWLGTFTNTAEAAAMAYDVAAKQIRGDKAKLNFP
11. Os05g29810.1	YKGIRRRPWGRWAAEIRDP-RKGVRWLGTFTYATAEEAARAYDVAAARDIRGAKAKLNFP
12. Os01g54890.1	YRGVRRR PWGKYAAEIRDPTRHGARLWLGTFTGTAEEAAAYDRAAFMRGAKALLNFP
13. Pp1s140_167V6.1	FRGGRRPWGKFAAEIRDSTRHGSRLWLGTFTDAEEAALACDDAAQLRGSRALLNFP