

# Consensus

1 10 20 30 40 50 60 70 80 90 100 110 120 130  
 MSCRAAPWSSPSHPRGRPFASARLRTPFGHMHWNPTLKNLSRIGGVPMFMGLPSGLFRCMASSTGNGGFSPSSDTTPMPVYSWPDKQRPRLCILLGGFGGLYTAIRLESLWPGNNKQVLLWD

1. Bradi1g06241.1
2. Bradi1g17780.1
3. Bradi1g19713.1
4. Bradi1g19716.1
5. Bradi1g19720.1
6. Bradi1g19730.1
7. Bradi1g19750.2
8. Bradi1g19760.1
9. Bradi1g21890.1
10. Bradi1g38325.1
11. **Bradi1g45921.1**
12. Bradi1g45930.1
13. Bradi1g45945.1
14. Bradi1g45960.1
15. Bradi1g48173.1
16. Bradi1g48203.1
17. Bradi1g50705.1
18. Bradi1g56807.1
19. Bradi1g56817.2
20. Bradi1g56830.1
21. Bradi1g56860.1
22. Bradi1g56870.1
23. Bradi1g56910.1
24. Bradi1g67600.1
25. Bradi1g67930.1
26. Bradi1g74240.1
27. Bradi2g01817.1
28. Bradi2g25470.1
29. Bradi2g25600.1
30. Bradi2g27300.1
31. Bradi2g57920.1
32. Bradi3g21747.1
33. Bradi3g38040.1
34. Bradi3g38045.1
35. Bradi3g38050.1
36. Bradi3g38060.1
37. Bradi3g38070.1
38. Bradi3g38080.1
39. Bradi3g38090.2
40. Bradi4g12370.1
41. Bradi4g21690.1
42. Bradi4g21700.1
43. Bradi4g24773.1
44. Bradi4g32080.1
45. Bradi4g32080.2
46. Bradi4g32300.1
47. Bradi4g32310.1
48. Bradi4g32320.1
49. Bradi4g32330.2
50. Bradi4g32340.1
51. Bradi4g32350.1
52. Bradi4g32360.1
53. Bradi4g39410.1
54. Bradi4g39410.2
55. Bradi3g42207.1
56. Bradi3g46450.1
57. Bradi3g46460.1
58. Bradi5g08900.1
59. Bradi5g11800.1

MSCRAAPWSSPSHPRGRPFASARLRTPFGHMHWNPTLKNLSRIGGVPMFMGLPSGLFRCMASSTGNGGFSPSSDTTPMPVYSWPDKQRPRLCILLGGFGGLYTAIRLESLWPGNNKQVLLWD

Consensus

140 150 160 170 180 190 200 210 220 230 240 250 260  
QSDREFKPMIYELLSGPMDWBLAPYFTLLKNTSQFVKDSMKLLRPSDHLRRPPGGSCGGVHLESGTVIFYDWLVIALGAFAKIDVVPGSABHATPFTTLBHAKVPSBIKMLERRRFGKSSPPI

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- 36. Bradi3g38060.1
- 37. Bradi3g38070.1
- 38. Bradi3g38080.1
- 39. Bradi3g38090.2
- 40. Bradi4g12370.1
- 41. Bradi4g21690.1
- 42. Bradi4g21700.1
- 43. Bradi4g24773.1
- 44. Bradi4g32080.1
- 45. Bradi4g32080.2
- 46. Bradi4g32300.1
- 47. Bradi4g32310.1
- 48. Bradi4g32320.1
- 49. Bradi4g32330.2
- 50. Bradi4g32340.1
- 51. Bradi4g32350.1
- 52. Bradi4g32360.1
- 53. Bradi4g39410.1
- 54. Bradi4g39410.2
- 55. Bradi3g42207.1
- 56. Bradi3g46450.1
- 57. Bradi3g46460.1
- 58. Bradi5g08900.1
- 59. Bradi5g11800.1

QSDREFKPMIYELLSGPMDWBLAPYFTLLKNTSQFVKDSMKLLRPSDHLRRPPGGSCGGVHLESGTVIFYDWLVIALGAFAKIDVVPGSABHATPFTTLBHAKVPSBIKMLERRRFGKSSPPI

Consensus

270 280 290 300 310 320 330 340 350 360 370 380 390  
EVAIVGLGYSGVPLAATISERLKNLTGTWKAINVQTTICPSAPPGNRDAATKMLLSQNTQITFLGYSMSCVRFFYASDDSSSMATDEKLAGGDHKKLLVPIQPAQRGIQSOMLEADIMLWTVGSTSQIPRLQ

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- 37. Bradi3g38070.1
- 38. Bradi3g38080.1
- 39. Bradi3g38090.2
- 40. Bradi4g12370.1
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- 56. Bradi3g46450.1
- 57. Bradi3g46460.1
- 58. Bradi5g08900.1
- 59. Bradi5g11800.1

EVAIVGLGYSGVPLAATISERLKNLTGTWKAINVQTTICPSAPPGNRDAATKMLLSQNTQITFLGYSMSCVRFFYASDDSSSMATDEKLAGGDHKKLLVPIQPAQRGIQSOMLEADIMLWTVGSTSQIPRLQ

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400 410 420 430 440 450 460 470 480 490 500 510 520

P P D A P Y V I P L N G R G Q V E T F E T L Q V K G H P R T F A T G D S A A T R D P S G K F I P A N A Q V A F Q Q A D F A G W N T W A A T I N D R P L I J P F R F O N T G E M M X J X X X X X X X T X X X X X X X T X T S K S S X N W A R X X X S L X X X X X X N X A X

MTTPFFTQASDDK**L**SDVSIQIALPM

PPDAPYVIPLNGRGQVETETLTQVKGHPRTFALGDSAAIRDPGKFLPANAQVAFQQADFAGWNIWAAINDRPLLPFRFQNLGEMMTLGRNDAATASFIEGLTLEGPLGHAARKLVYCLRMPTDEHRVK

MIPASPPSICRPGRLKIVLDRSNSALTRKVASVIQSLLLYSTTE

MDESKLSPNYLIPSWPLVLTCPANLIHA  
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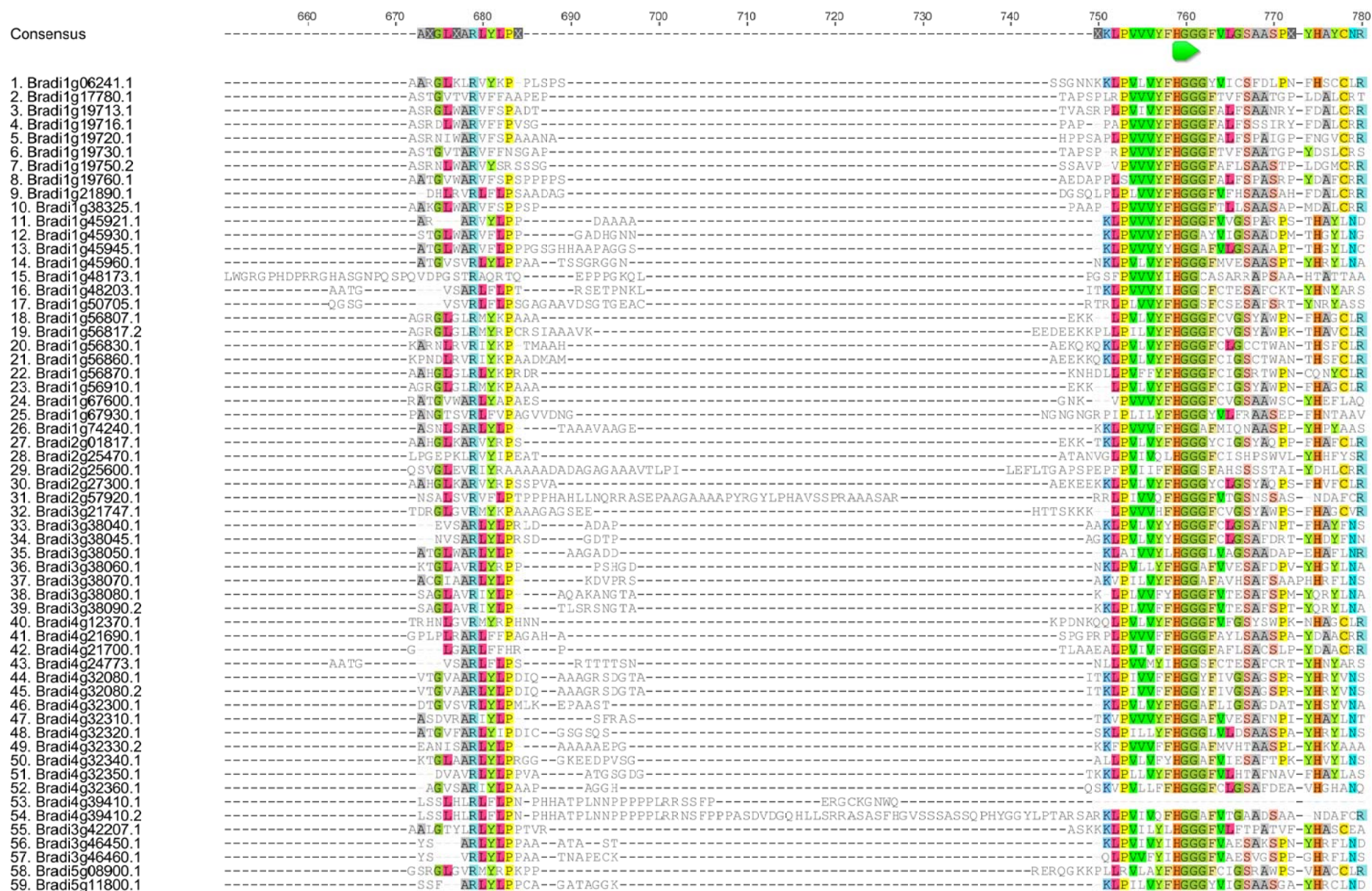
MVIPVANSAR  
MVSKIKRQLASLPLFAKAALLLL---I

530 540 550 560 570 580 590 600 610 620 630 640 650

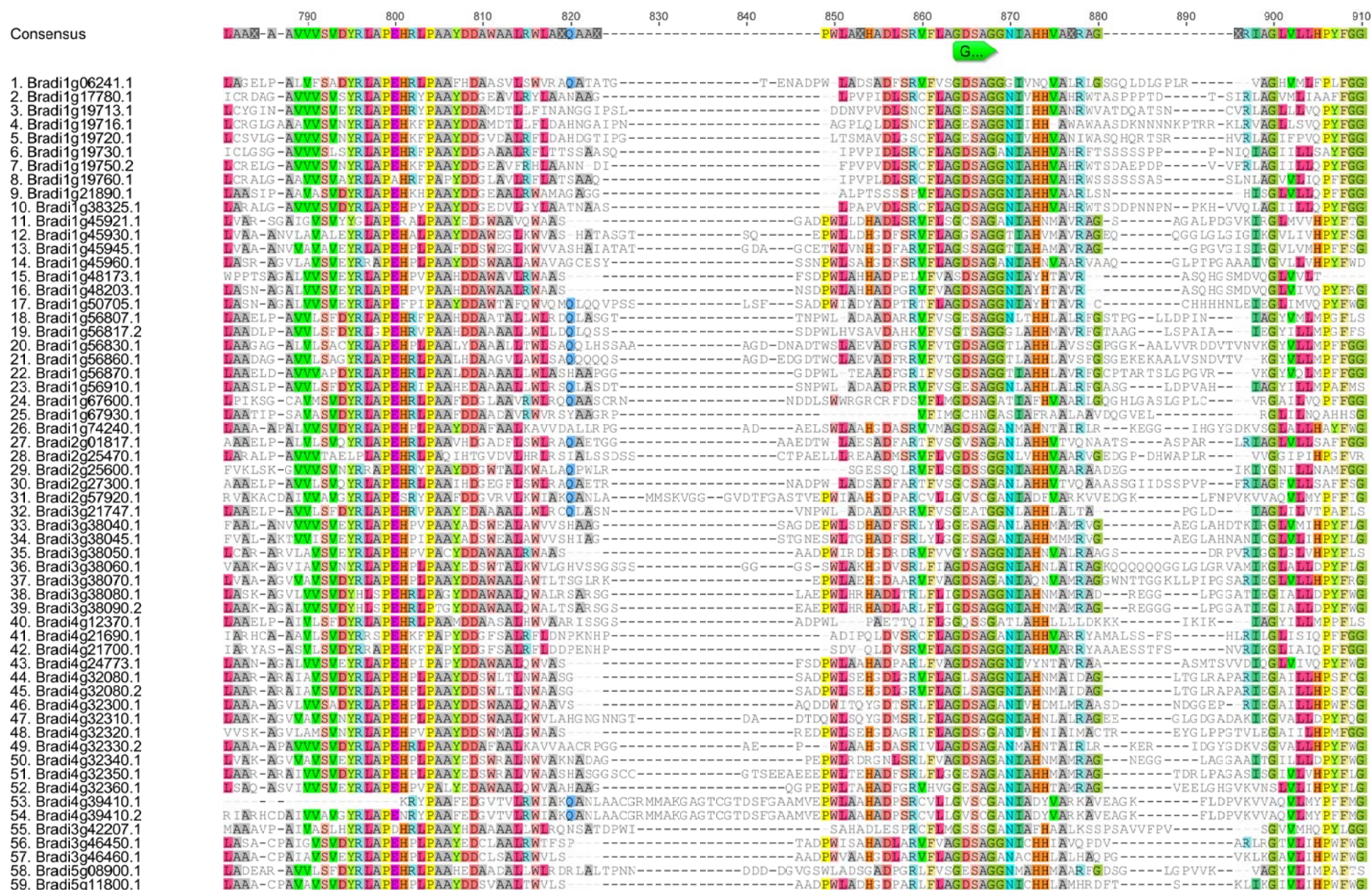
T A T A S M A A L P A M F V X X X X G T R Y K D G R V R X G P X V P A S X D A A T G V A S K D V I D

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	920	930	940	950	960	970	980	990	1,000	1,010	1,020	1,030	1,040
Consensus	QRTASSPFLDGG	---	XXXDRDWR	ACLPAGAGRDHPNANPAPG	---	APKL-ALACPRVGVVAGSD	---	KLDRGRAYALIRASG	---	---	---	VLVFPFGHGF	---
1. Bradi1g06241.1	QRTASSAEYPPG	---	PHLSLPVL	DGKWR	---	LAEPVGATRDHPLANPLGPGS	---	PALEIVAGALPPLVGVVGLD	---	LIRDRAVDYAARLEAVGHA	---	---	---
2. Bradi1g17780.1	QRTDSSLAIEGV	---	APIVNLRRS	DFWKK	---	AFEPVGADRNHPTAHTVTGAG	---	PEELIAEA-FPPAMVGVVGLD	---	PLQDWQRYYAAMLRKKG	---	---	---
3. Bradi1g19713.1	QRTTNSLMIEGV	---	APIVNLRRQ	DFWKK	---	AFEPVGANRDHPAAHTVTGEN	---	AEISEV-FPPAIVGVVGLD	---	PLQDWQRYYADVLRKKG	---	---	---
4. Bradi1g19716.1	QRTESSLAIDGV	---	APIVSLRRS	DFWKK	---	AFEPAGATRDHPAAHTVTEDN	---	VGIAEEGFPPMVAVGVVGLD	---	PLQDWQRYYADVLRKKG	---	---	---
5. Bradi1g19720.1	QRTTPSVRIIEGI	---	APVVNLRRS	DWSWK	---	AFEPAGATRDHPAAHTVTDN	---	AGIAEEGFPPMVAVGVVGLD	---	PLQDWQRYYADVLRKKG	---	---	---
6. Bradi1g19730.1	QRTESSLAIEGV	---	APIVNLRRS	DFWKK	---	AFEPAGADRNHPTAHTVTGAG	---	PEELIGEA-FPPAMVGVVGLD	---	PLQDWQRYYAAMLRKKG	---	---	---
7. Bradi1g19750.2	QRTTAASLSIEGV	---	APVVNMRRS	DWSWK	---	AFEPVGADRNHPTAHTVTGAA	---	PEELIGEN-FPPAMVGVVGLD	---	PLQDWQRYYAAMLRKKG	---	---	---
8. Bradi1g19760.1	QRTTAASLEIDKA	---	IPSLSMAIT	DAYWR	---	DFEPGATRDHAAAACGVG	---	ELIAEA-FPPAMVGVVGLD	---	LIRKQWQARVVKLRGK	---	---	---
9. Bradi1g21890.1	QSPTASLRIRG	---	APFGAPERLAW	FWR	---	LGMPGATRGHEAADVPAIS	---	RAGARVPFPATLVGVVGLD	---	AHQDQRAYARLRDAAGAE	---	---	---
10. Bradi1g38325.1	QRTGSSLSIEGV	---	APVVNMRRS	DWSWK	---	AFEPGADRNHPTAHTVTGAE	---	PEELIGES-FPPAMVGVVGLD	---	PLQDWQRYYAVMERKNR	---	---	---
11. Bradi1g45921.1	KIPVGAALGPVDR	---	EFMDRTWR	FVFPGT	---	SGLDPRVNFVFDCA	---	ARAASAIPCRVGVVGLD	---	PLQDWQRYYAAMLRKKG	---	---	---
12. Bradi1g45930.1	VA-DIGKATTKKEEK	---	AKADAFWK	FLYPDAPILG	---	DLPLSNFESAA	---	GSAARIGRVRGVVGLD	---	PLQDWQRYYAAMLRKKG	---	---	---
13. Bradi1g45945.1	VA-DIGKATTKK	---	K	---	AWTDAWR	FRHPAAPILG	---	DLPLSNFESAA	---	GSAARIGRVRGVVGLD	---	---	---
14. Bradi1g45960.1	ASNAMGPLETR	---	---	---	IRGEWR	FTWARPEAVDDRLCPTCAPG	---	AAGRILALPCCRVMVAGSD	---	PLQDWQRYYAAMLRKKG	---	---	---
15. Bradi1g48173.1	---	---	DCREVDWGGAG	---	AVFLTWL	DRVWP	---	YVTAGRAGNDPRIDPTA	---	---	---	---	---
16. Bradi1g48203.1	VDRLPSSSTNEANNAG	---	VLPACLV	DRVWP	---	YVTGGRVGNDRHIDPTA	---	DEIS-SITCRVGVVGLD	---	PLQDWQRYYAAMLRKKG	---	---	---
17. Bradi1g50705.1	SDGRLPSTDPVPAGSLFMPAYGV	---	DRVWP	---	YVTGGRVGNDRHIDPTA	---	DEIS-SITCRVGVVGLD	---	PLQDWQRYYAAMLRKKG	---	---	---	---
18. Bradi1g56807.1	QRTTSSLESAPATA	---	FLTRDMC	DTISR	---	LFPAGADKDHPLINPLGPGS	---	PSLD-PILDVGVVAGSD	---	PLQDWQRYYAAMLRKKG	---	---	---
19. Bradi1g56817.2	GQPTSSLETPEATA	---	WLTDRMF	DRFR	---	LGMPAGATR	---	VRPEQ	---	PLQDWQRYYAAMLRKKG	---	---	---
20. Bradi1g56830.1	QRTLPSSHAESTR	---	LMNRDTL	DRVWP	---	LAPAGATRDHPLANPLGPGS	---	PGLEPVA	---	PLQDWQRYYAAMLRKKG	---	---	---
21. Bradi1g56860.1	QRTTSSHAESTPTTFPPPLMSLDL	---	DRVWP	---	LAPAGATRDHPLANPLGPGS	---	PGLEAVE	---	PLQDWQRYYAAMLRKKG	---	---	---	---
22. Bradi1g56870.1	TTRTSSAECDDA	---	FLNRPLN	DRVWP	---	LSPLGATADHPASNPFPAGES	---	REALA	---	PLQDWQRYYAAMLRKKG	---	---	---
23. Bradi1g56910.1	QPTTSSLDSPATA	---	FLTRDMC	DTISR	---	LSPAGADKDHPLINPLGPGS	---	PSLD-PILDVGVVAGSD	---	PLQDWQRYYAAMLRKKG	---	---	---
24. Bradi1g67600.1	QRTTSSKTMAQPP	---	RSALSLSTSSSYR	---	MAEPAGAGRDHPNANPAPG	---	RGAR	---	PLQDWQRYYAAMLRKKG	---	---	---	---
25. Bradi1g67930.1	VQRTTASASVD	---	DRVLPLPAND	LEWE	---	LAPVGADRDHPCNPGAMLA	---	VVGASQLRRLPCLGRKKD	---	PPDRQKVLVDALRDAG	---	---	---
26. Bradi1g74240.1	KIPVGGPADAGYR	---	---	---	GGIEQVWE	RACGGSGHDPHINPAA	---	A	---	PEEWR-RIGCRVLVATAEELC	---	---	---
27. Bradi2g01817.1	NRTPATATSPAD	---	VSLTVDVAD	DRVWP	---	LAPAGATRDHPLANPLGPGS	---	PEIPE	---	AVELPVLVGVVGLD	---	---	---
28. Bradi2g25460.1	AARSSSLEPRPD	---	SVFPTLMDL	DKFLA	---	MAEPAGATKDHBYTCPMG	---	ADAPP	---	ESVPLPMMVAGSD	---	---	---
29. Bradi2g25600.1	NRTTSSRRIDG	---	KYFVTLDQ	DRWYWK	---	MAEPEDARDHPCNPGANG	---	---	---	RLRGLPFTKSLIISGLD	---	---	---
30. Bradi2g27300.1	VQRTTASIDSPAD	---	VSLTADMDA	DRVWP	---	LAPAGATRDHPLANPLGPGS	---	PSLD-PILDVGVVAGSD	---	PLQDWQRYYAAMLRKKG	---	---	---
31. Bradi2g57920.1	SVPTHSIRLANSY	---	FYDKSTCLLAW	---	LLSEKEFSLDHPANPLGPGS	---	---	---	---	PPLKMBPTTIIAEHD	---	---	---
32. Bradi3g21747.1	QPTTSSLDTPATA	---	FLTRDLN	DRVWP	---	LFPAGADKDHPLINPLGPGS	---	PSLE-PILDVGVVAGSD	---	PLQDWQRYYAAMLRKKG	---	---	---
33. Bradi3g38040.1	SN-KVDSDDIDPATR	---	ESLGSWS	VMCPITT	---	GEDDPLINPLGPGS	---	APDLA	---	ACRVMVAGSD	---	---	---
34. Bradi3g38045.1	SN-KVNSDDIDLAAR	---	DRLGKWH	AVCPMTI	---	GEDDPLINPLGPGS	---	APDLA	---	ACRVMVAGSD	---	---	---
35. Bradi3g38050.1	GKGLASGEMKHAWL	---	AKLEEMWA	FACAGRTT	---	GLDPRVNVADGA	---	ESLTLR	---	LACRVMVAGSD	---	---	---
36. Bradi3g38060.1	---	---	PHADPG	---	---	AERAWG-FICAGRY	---	GTEHBYVNBMSLP	---	AEAWRRG	---	---	---
37. Bradi3g38070.1	KD-PLPS	---	SRNPNPGL	---	---	QRAERSWG-FVCSWRY	---	GIDHFINPLA	---	MP	---	---	---
38. Bradi3g38080.1	KR-PVPS	---	TRDPEER	---	---	RMKEQSWF-FICAGKY	---	GADDPVINPVA	---	MA	---	---	---
39. Bradi3g38090.2	KR-PVPS	---	TRDAELR	---	---	RWRERTWS-FVCGKF	---	GADDPVINPVA	---	ME	---	---	---
40. Bradi4g12370.1	KVTCSSLDAPDAA	---	FLSRAAS	DRYFR	---	LMMAGADKDHPLINPLGPGS	---	PSLD-TAHVGRVGVVAGSD	---	MVRDKDVEYARIRAYGKD	---	---	---
41. Bradi4g21690.1	QRTTASLEIDG	---	APIVSVSRCDMMWR	---	AFEPGADRDHPCNPGAMLA	---	AGVESNA	---	---	FPPAMVGVVGLD	---	---	---
42. Bradi4g21700.1	QRTGSSLRIDG	---	APIVSVGRTDMMWR	---	AFEPGADRDHPCNPGAMLA	---	AGVEEEE	---	---	FPPAMVGVVGLD	---	---	---
43. Bradi4g24773.1	TTRLPSSLAEDAGA	---	VLPACLV	DRVWP	---	YVTAGRAGNDPRINPRD	---	EDIA-SITACRVMVAGSD	---	PLQDWQRYYAAMLRKKG	---	---	---
44. Bradi4g32080.1	Q-RMEAIAEEH	---	W	---	---	ASVKKRW-VICPGARGGLDPRMNPTAG	---	APSLA	---	ACRVMVAGSD	---	---	---
45. Bradi4g32080.2	Q-RMEAIAEEH	---	W	---	---	ASVKKRW-VICPGARGGLDPRMNPTAG	---	APSLA	---	ACRVMVAGSD	---	---	---
46. Bradi4g32300.1	ST-AIEGPPAA	---	A	---	---	MITGMWS-YACGAVGGLDPRMNPLGPGS	---	APALEK	---	CVRMVAGSD	---	---	---
47. Bradi4g32310.1	RS-AVGADSM	---	PAYL	---	---	QSAARWS-FICAGKY	---	PIDHBYANPLA	---	LP	---	---	---
48. Bradi4g32320.1	KD-PVEG	---	ATEG	---	---	EFGEK	---	WLLIICPEGTEGADPRINPMAH	---	---	---	---	---
49. Bradi4g32330.2	KD-PVGG	---	ESAD	---	---	AAAYR	---	GGFERAW	---	---	---	---	---
50. Bradi4g32340.1	KK-PVGA	---	TTDQAKR	---	---	RQYEATWS-FICDGKY	---	GIDDPLINPLA	---	TP	---	---	---
51. Bradi4g32350.1	HG-KVPS	---	DDSDPVMA	---	---	ENNVKMWH-VVRPTT	---	GVDPRMNPLGPGS	---	---	---	---	---
52. Bradi4g32360.1	GD-SSEDEM	---	GALL	---	---	RELVRWVPVVCPTS	---	GCDDWINPMSDG	---	---	---	---	---
53. Bradi4g39410.1	SSPTSSSLKANSY	---	FYDKSTCLLAW	---	---	LFLPEDEFCLDHPANPLGPGS	---	---	---	---	---	---	---
54. Bradi4g39410.2	SSPTSSSLKANSY	---	FYDKSTCLLAW	---	---	LFLPEDEFCLDHPANPLGPGS	---	---	---	---	---	---	---
55. Bradi3g42207.1	QRTTASAASEG	---	DAMLPLEAS	DKWR	---	LAPGADRDHPCNPGAMLA	---	AK	---	SMAAEDLAG	---	---	---
56. Bradi3g46450.1	SS-AVG	---	ETRDPAR	---	---	AMGCKWK-FACGSA	---	GDDPRMNPLGPGS	---	---	---	---	---
57. Bradi3g46460.1	SS-AVG	---	ESRHPVAR	---	---	AMGGRWT-FACGTS	---	GDDPRMNPLGPGS	---	---	---	---	---
58. Bradi5g08900.1	APTESLESAPATA	---	ALSRDVAERYNR	---	---	LAPAGANKDHPNANPAPG	---	PGL	---	---	---	---	---
59. Bradi5g11800.1	KPIAG	---	EARQRDEK	---	---	GWE-FVCGAAGGLDPRMNPTAG	---	APLET	---	ACRVMVAGSD	---	---	---



## Consensus

		1,050	1,060	1,070	1,080	1,090	1,100	1,110	1,120	1,130	1,140	1,150	1,160	1,170
		AK	PLMP	XTMAFVXR	XXXXPXXSSA	PKXXLT	MAXX	XXXXPKTGVPT	PKXXDXXXX	XXC	TLWPH	MA	XXXXXX	AS
1. Bradi1g06241.1	VEPYGEA		GH	ITVCLV	KRFV	HGN								
2. Bradi1g17780.1	FLAL	ESG		K	IAE	ISAF	VS							
3. Bradi1g19713.1	FSELADST			KVI	EDMR	VFE	ESN							
4. Bradi1g19716.1	---	LADSA		RAI	EMR	AF	ESN							
5. Bradi1g19720.1	FP	ELDDAW			KVL	EDMK	AF	ESNR						
6. Bradi1g19730.1	FP	AL	ESA			R	LV	EF	TKAF	VQD				
7. Bradi1g19750.2	FPEI	DSG			KLV	EDVK	AFI	DRN						
8. Bradi1g19760.1	FPEI	ADSG			KFL	EDLK	VF	QEH						
9. Bradi1g21890.1	FEEL	ADSK				RVL	AEV	AEF	FN	RA				
10. Bradi1g38325.1	FP	KL	ESAG			EVV	PKVR	AE	FI	ETC				
11. Bradi1g45921.1	D	K	--LDSEE			G	V	K	L	D	SL	MA	FM	KK*
12. Bradi1g45930.1	MN	--PRSEK				T	V	M	O	R	L	SL	FL	RK*
13. Bradi1g45945.1	IN	--PRSEK				A	I	K	M	O	R	V	L	R
14. Bradi1g45960.1	LR	--RWTEA				A	A	M	L	R	V	A	E	I
15. Bradi1g48173.1	YS	--PLRAT				S	K	K	L	M	S	T	H	E
16. Bradi1g48203.1	YS	--PLRAT				S	K	K	L	M	S	T	H	E
17. Bradi1g50705.1	YN	--PLRAT				S	K	K	L	M	S	T	H	E
18. Bradi1g56807.1	V	K	PESEA			A	G	E	V	V	R	L	G	R
19. Bradi1g56817.2	ASDAS					D	G	E	V	V	R	L	L	K
20. Bradi1g56830.1	LDP	PWNHA				T	G	E	L	I	R	L	V	R
21. Bradi1g56860.1	LDP	PWNHA				T	G	E	L	I	R	L	V	R
22. Bradi1g56870.1	IDP	WSDA				S	A	E	L	M	R	A	L	K
23. Bradi1g56910.1	V	K	PMSEA			A	G	E	V	V	R	L	G	R
24. Bradi1g67600.1	LHNYHLSQ	PRT				Q	E	M	L	A	H	I	K	A
25. Bradi1g67930.1	LF	KADR	AA				E	V	A	Q	V	T	D	E
26. Bradi1g74240.1	F	K	--EGCDD			A	V	R	E	L	A	V	V	A
27. Bradi2g01817.1	LR	PFGVA				A	D	E	L	M	R	V	L	R
28. Bradi2g25470.1	N	K	FAVEMDPETGER			T	Q	I	I	D	A	S	R	F
29. Bradi2g25600.1	LSNTDHYH						E	V	M	E	I	S	D	F
30. Bradi2g27300.1	SR	PFSDA				A	D	E	M	M	R	L	L	R
31. Bradi2g57920.1	LDVFLKTPQ					A	Q	A	C	A	D	I	A	I
32. Bradi3g21747.1	L	K	PASAA			A	G	E	L	V	R	L	L	A
33. Bradi3g38040.1	H	L	L	E	CCDE				A	V	A	Q	D	K
34. Bradi3g38045.1	H	L	L	E	GCDE				A	V	V	Q	D	K
35. Bradi3g38050.1	Q	E	--ESAM			A	L	A	L	M	D	R	L	V
36. Bradi3g38060.1	NN	--LESPK				A	A	M	H	M	A	T	L	A
37. Bradi3g38070.1	EN	S	G	ADK			A	Q	K	E	L	D	A	V
38. Bradi3g38080.1	L	K	--PDGEK			A	A	M	E	M	A	V	A	F
39. Bradi3g38090.2	L	K	--PNGEK			A	A	R	E	M	T	V	A	F
40. Bradi4g12370.1	TR	P	F	S	P	A			A	D	D	L	L	A
41. Bradi4g21690.1	F	P	E	F	A	E	S	R						
42. Bradi4g21700.1	F	P	E	F	S	H	A	R						
43. Bradi4g24773.1	YS	--PLRAT				S	K	K	L	M	S	T	H	E
44. Bradi4g32080.1	DE	--EGGSE				A	A	A	L	M	R	V	M	G
45. Bradi4g32080.2	DE	--EGGSE				A	A	A	L	M	R	V	M	G
46. Bradi4g32300.1	E	K	--EGCEN			A	Q	L	M	D	R	V	A	F
47. Bradi4g32310.1	T	K	--LSTPQ			A	Q	A	E	M	A	T	L	A
48. Bradi4g32320.1	N	K	--DESGE			S	L	A	L	M	D	R	V	A
49. Bradi4g32330.2	F	K	--DCDD			A	V	K	E	L	A	V	V	A
50. Bradi4g32340.1	DA	--EKNPK				S	A	K	E	L	A	F	A	G
51. Bradi4g32350.1	HL	G	N	F	T	C	D	D			A	V	R	Q
52. Bradi4g32360.1	HL	F	C	T	S	T	Q				T	K	A	Q
53. Bradi4g39410.1	LD	G	L	L	K	T	P	E			A	Q	A	C
54. Bradi4g39410.2	LD	G	L	L	K	T	P	E			A	Q	A	C
55. Bradi3g42207.1	L	F	V	P	E	V	A	E			E	L	F	A
56. Bradi3g46450.1	F	K	--DCEK			A	K	D	M	I	D	R	V	A
57. Bradi3g46460.1	F	K	--DCDK			A	K	D	M	F	H	R	V	A
58. Bradi5g08900.1	S	K	P	W	S	E	A				S	G	E	V
59. Bradi5g11800.1	YE	--PAEK				A	A	E	L	L	G	K	A	E

Consensus

- 1. Bradi1g06241.1
- 2. Bradi1g17780.1
- 3. Bradi1g19713.1
- 4. Bradi1g19716.1
- 5. Bradi1g19720.1
- 6. Bradi1g19730.1
- 7. Bradi1g19750.2
- 8. Bradi1g19760.1
- 9. Bradi1g21890.1
- 10. Bradi1g38325.1
- 11. Bradi1g45921.1
- 12. Bradi1g45930.1
- 13. Bradi1g45945.1
- 14. Bradi1g45960.1
- 15. Bradi1g48173.1
- 16. Bradi1g48203.1
- 17. Bradi1g50705.1
- 18. Bradi1g56807.1
- 19. Bradi1g56817.2
- 20. Bradi1g56830.1
- 21. Bradi1g56860.1
- 22. Bradi1g56870.1
- 23. Bradi1g56910.1
- 24. Bradi1g67600.1
- 25. Bradi1g67930.1
- 26. Bradi1g74240.1
- 27. Bradi2g01817.1
- 28. Bradi2g25470.1
- 29. Bradi2g25600.1
- 30. Bradi2g27300.1
- 31. Bradi2g57920.1
- 32. Bradi3g21747.1
- 33. Bradi3g38040.1
- 34. Bradi3g38045.1
- 35. Bradi3g38050.1
- 36. Bradi3g38060.1
- 37. Bradi3g38070.1
- 38. Bradi3g38080.1
- 39. Bradi3g38090.2
- 40. Bradi4g12370.1
- 41. Bradi4g21690.1
- 42. Bradi4g21700.1
- 43. Bradi4g24773.1
- 44. Bradi4g32080.1
- 45. Bradi4g32080.2
- 46. Bradi4g32300.1
- 47. Bradi4g32310.1
- 48. Bradi4g32320.1
- 49. Bradi4g32330.2
- 50. Bradi4g32340.1
- 51. Bradi4g32350.1
- 52. Bradi4g32360.1
- 53. Bradi4g39410.1
- 54. Bradi4g39410.2
- 55. Bradi3g42207.1
- 56. Bradi3g46450.1
- 57. Bradi3g46460.1
- 58. Bradi5g08900.1
- 59. Bradi5g11800.1

1,180 1,190 1,195  
-----XXFTXXXXTGSXXXXXX\*

-----WCFTESWTCETCIQDKAI\*

-----VATPHEETGSPPY\*

RPGQTYMGSFSAAGHGS SVIKNFF\*