

AtZTL	44	PCG <b>F</b> VVTDAVEPDQPIIYVNTVFEMVTGYRAEEVL	GGNCRFLQCRGPFAKRRHPLVDS	101
AtLKP2	40	PCG <b>F</b> VVSDALEPDNPPIIYVNTVFEIVTGYRAEEVI	GRNCRFLQCRGPFTKRRHPMVDS	91
GmZTL	44	PCG <b>F</b> VVTDALDPDHPIIYVNTVFEIVTGYCAEDVL	GRNCRFLQCRGPFAKRRHPLVDS	101
OsZTL1	57	PC <b>G</b> L <b>V</b> VTDALEPDCPIIYVNCGFEEATGYRAEEVL	GRNCRFLQCRGPFAQRRHPLVDA	114
OsZTL2	53	AC <b>G</b> L <b>V</b> VTDALEPDPFPIIYVNRGFEDATGYRAEEVL	GRNCRFLQCRGPFAKRRHPLVDT	110
CsZTL	38	PCG <b>F</b> VVTD <b>S</b> LEPDHPIIYVNTVFEMVTGYRAEEVL	GRNCRFLQCRGPFAKRRHPLVDS	95
CcZTL	45	PCG <b>F</b> VVTDAL <b>E</b> PDHPIIYVNSVFESITGYRAEDVL	GRNCRFLQCRGPFAKRRHPLVDS	102
GhZTL	37	PCG <b>F</b> VVTDAL <b>E</b> SDHPIIYVNTVFEMVTGYRAEEVL	GRNCRFLQCRGPFAKRRHPLVDS	94
ZmZTL1	56	PC <b>G</b> L <b>V</b> VTDALEPDCPIIYVNRGFEEATGYRAEEVL	GRNCRFLQCRGPFAARRHPLVDA	113
ZmZTL2	39	AC <b>G</b> M <b>V</b> VTDALEPDPFPIIYVNRGFESSTGYSAAEVL	GRNCRFLQCRGPFAQRRHPLVDA	96
BdZTL2	46	AC <b>G</b> L <b>V</b> VTDALEPDPFPIIYVNRGFEDATGYHAAEVL	GRNCRFLQCRGPFAQRRHPLVDA	103
BdZTL1	87	PY <b>G</b> L <b>V</b> VTDALEPDCPIIYVNRGFEEATGYRAEEVL	GRNCRFLQCRGPFAQRRHPLVDA	145
SiZTL1	58	PC <b>G</b> L <b>V</b> VTDALEPDCPIIYVNRGFEDATGYRAEEVL	GRNCRFLQCRGPFAQRRHPLVDA	115
SiZTL2	46	AC <b>G</b> M <b>V</b> VTDALEPDPFPIIYVNRGFEDATGYRAEEVL	GRNCRFLQCRGPFAQRRHPLVDT	103
Bra038832	37	TF <b>G</b> F <b>V</b> VTDALDPDHPIIYVNTVFEIITGYRADEVI	GK <b>N</b> CRFLQCRGPYAKRRHPSVDS	94
Bra038831	40	PCG <b>F</b> VVSDALEPDQPIIYVNAVFEIVTGYRAEEVI	GRNCRFLQCRGPYAKRRHPSVDS	97
Bra038830	40	PCG <b>F</b> VVSDALEPDQPIIYVNTVFEIVTGYRAEEVI	GRNCRFLQCRGPYAKRRHPSVDS	97
MpFKF1	60	PC <b>G</b> L <b>I</b> VTDAL <b>E</b> PDQPIIYVNTVFEFITGYKAAEIL	GK <b>N</b> CRFLQCRGPFAQRRHPLVDP	117
SmFKF1	4	PC <b>S</b> V <b>V</b> VTDALDVDFPIIYVNNIFEFITGYKAAEVL	GRNCRFLQ <b>F</b> RGPFAQRRHPLVDS	61
AtFKF1	52	PP <b>S</b> F <b>I</b> VSDALEPDPFPLIYVNRVFEVFTGYRADEVL	GRNCRFLQ <b>Y</b> RD <b>P</b> RAQRRHPLVDP	109
GmFKF1	48	PT <b>S</b> F <b>V</b> VTDALEPDPFPIIYVNKVFEISTGYRADEAL	GRNCRFLQ <b>Y</b> RD <b>P</b> RAQRRHPLVDP	105
OsFKF1	64	AA <b>A</b> I <b>V</b> VTDAVEVD <b>F</b> PVIYVNAAFEAATGYRADEVL	GRNCRFLQ <b>F</b> RD <b>P</b> RAQRRHPLVDP	121
CsFKF1	57	PT <b>S</b> F <b>V</b> VTDALEPDPFPIIYVNKVFEIFTGYRADEVL	G <b>Q</b> NCRFLQ <b>Y</b> RD <b>P</b> RAQRRHPLVDP	114
CcFKF1	72	PT <b>S</b> F <b>V</b> VADAFDPDPFPIIYVNKVFEIFTGYRADEVL	GRNCRFLQ <b>Y</b> RD <b>P</b> RAQRRHPLVDP	129
GhFKF1	55	PT <b>S</b> F <b>V</b> VTDALEPDPF <b>P</b> VIYVNKVFEVFTGYRADEVL	GRNCRFLQ <b>Y</b> RD <b>R</b> RAQRRHPLVDP	112
ZmFKF1	42	PA <b>A</b> I <b>L</b> VADAAEVD <b>F</b> PVIYVNAAFEAATGYRAHEVL	GRNCRFLQ <b>F</b> RD <b>P</b> HAQRRHPLVDP	99
BdFKF1	57	AA <b>A</b> I <b>V</b> VADAVEPDPF <b>P</b> VIYVNAAFEAATGYRAHEVL	GRNCRFLQ <b>F</b> RD <b>P</b> RAQRRHPLVDP	114
SiFKF1	59	AA <b>A</b> I <b>V</b> VADAAEAD <b>F</b> PVIYVNAAFEAATGYRAHEVL	GRNCRFLQ <b>F</b> RD <b>P</b> RAQRRHPLVDP	116
AtLOV2	477	E <b>K</b> <b>N</b> F <b>V</b> ITDPRLPDNP <b>I</b> IFASDSFLELTEYSREEIL	GRNCRFLQ <b>G</b> -----PETDL	522
GmLOV2	457	E <b>K</b> <b>N</b> F <b>V</b> ITDPRLPDNP <b>I</b> IFASDSFLELTEYSREEIL	GRNCRFLQ <b>G</b> -----PETDP	505
OsLOV2	412	E <b>K</b> <b>N</b> F <b>V</b> ITDPRLPDNP <b>I</b> IFASDSFLQLTEYNREEIL	GRNCRFLQ <b>G</b> -----PETDR	460
ZmLOV2	400	E <b>K</b> <b>N</b> F <b>V</b> ITDPRLPDNP <b>I</b> IFASDSFLRLTEYCREEIL	GRNCRFLQ <b>G</b> -----PETDR	448
BdLOV2	409	E <b>K</b> <b>N</b> F <b>V</b> ITDPRLPDNP <b>I</b> IFASDSFLQLTEYCREEIL	GRNCRFLQ <b>G</b> -----PETDR	457
AsLOV2	412	E <b>K</b> <b>N</b> F <b>V</b> ITDPRLPDNP <b>I</b> IFASDSFLQLTEYSREEIL	GRNCRFLQ <b>G</b> -----PETDR	460
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AtZTL	102	MVVSEIRKCIDEGIEFQGELLNFRKDG <b>S</b> PLMNRLRLTPIYGD <b>D</b> DTITHIIGI <b>Q</b> FFIETD	160
AtLKP2	92	TIVAKMRQCLENGIEFQGELLNFRKDG <b>S</b> PLMNKLRLVPIREED <b>E</b> - ITHFIGVLL <b>F</b> TD <b>A</b> K	149
GmZTL	102	TVVSEIRRCLEEGIEFQGELLNFRKDG <b>S</b> PLMNRLRLTPIYGD <b>D</b> ETITHVIGI <b>Q</b> FFTEAN	160
OsZTL1	115	MVVSEIRKCIDNGTEFRGDLLNFRKDG <b>S</b> PLMNKLHLTPIYGD <b>D</b> ETITHYMGI <b>Q</b> FFTNAN	173
OsZTL2	111	TVVTDIRRCLEEGTVFQGDLLNFRKDG <b>S</b> PFMAKLQLTPIYGD <b>D</b> ETITHYMG <b>M</b> QFFNDSN	169
CsZTL	96	SVVSEIRRCLEDGTEFQGELLNFRKDG <b>T</b> PLMNKLRLTPIYGD <b>D</b> ETVTHVIGI <b>Q</b> FFTEAD	155
CcZTL1	103	SVVSEIRRCLEEGIEFQGELLNFRKDG <b>S</b> PLMNRLRLSP <b>I</b> YGD <b>D</b> ETITHVIGI <b>Q</b> FFTEAN	161
GhZTL1	95	TVVSEIRRCLEDEGIEFQGELLNFRKDG <b>S</b> PLMNRLRLTPIYGD <b>D</b> ETITHVIGI <b>Q</b> FFTEAN	153
ZmZTL1	114	ALVSEIRRCIDNGIEFRGDLLNFRKDG <b>S</b> PVMNRLHLTPIYGD <b>D</b> ETITHYMGI <b>Q</b> FFTDAN	172
ZmZTL2	97	AVVTRIRRCLEDEGTEFHGDLLNFRKDC <b>S</b> PYMARLQLTPIYGD <b>D</b> EVITHYMGI <b>Q</b> FFNDSN	155
BdZTL2	104	IVVAEIQRCCLEEGTEFQGDLLNFRKDG <b>S</b> PFMTNLQLKPIYGD <b>D</b> ETITHYMGI <b>Q</b> FFNDSN	162
BdZTL2	146	AVVSGIQRCIDNGTQFRGDLLNFRKDG <b>F</b> PLMNRLHLTPIYGD <b>D</b> DIITHYMGI <b>Q</b> FFTNAN	203
SiZTL1	116	AMVSNIRRCIDNGTEFRGDLLNFRKDG <b>S</b> PLMNRLHLTPIYGD <b>D</b> ATITHYMGI <b>Q</b> FFTNAN	174
SiZTL2	104	AVVSGIRRCLEEGTEFQGDLLNFRKDG <b>S</b> PYMAKLQITPIYGD <b>D</b> DMITHYMGI <b>Q</b> FFNDSN	162
Bra038832	95	TVVSKMRRCLEKGIEFQGELLNFRKDG <b>S</b> PLMNKLRLVPIRED <b>D</b> E- ITHIIGVL <b>F</b> FT <b>D</b> AK	152
Bra038831	98	TVVSKMRQCLEKGIEFQGELLNFRKDG <b>S</b> PLMNKLRLVPIREED <b>E</b> - ITHFIGVLS <b>F</b> TT <b>D</b> AE	155
Bra038830	98	TVVSKMRQCLEKGIEFQGELLNFRKDG <b>S</b> PLMNKLRLVPIRED <b>D</b> E- ITHFIGVLS <b>F</b> TT <b>D</b> AD	155
MpFKF1	118	TIVATIKRCLSEGVEFRGELLNFRKDG <b>T</b> PLMNKLCMTPIHAEDGTITHVIGI <b>Q</b> S <b>F</b> TEAK	176
SmFKF1	62	ATVTEIRRCMREGIEFWGELLNFRKDG <b>T</b> PLMNKLCLKPIRGEDGRITHIIGI <b>Q</b> S <b>F</b> SEVK	120
AtFKF1	110	VVVSEIRRCLEEGIEFQGELLNFRKDG <b>T</b> PLVNRLRLAPIR <b>D</b> DDGTITHVIGI <b>Q</b> V <b>F</b> SETT	168
GmFKF1	106	VVVSEIRRCLEEGVEFQGELLNFRKDG <b>T</b> PLVNRLRLAPIH <b>D</b> DDGTVTHVIGI <b>Q</b> L <b>F</b> SEAN	164
OsFKF1	122	MVVSEIRRCLENEGIEFQGELLNFRKDGAPLYNRLRLIPMHGDDGFVTHVIGI <b>Q</b> L <b>F</b> SEAN	180
CsFKF1	115	VVVSEIRRCLEEGVEFQGELLNFRKDG <b>T</b> PMVNRLRLAPIH <b>D</b> DDGTVTHIIGI <b>Q</b> V <b>F</b> SETK	173
CcFKF1	130	VVVSEIRRCLEEGIEFQGELLNFKKDG <b>T</b> PLVNRLRLAPIR <b>D</b> DDGTVTHIIGI <b>Q</b> I <b>F</b> SEAK	188
GhFKF1	113	FVVSEIRRCLEEGIEFEGELLNFRKDG <b>T</b> PLVNRLKLAPIR <b>D</b> DDGIVTHVIGI <b>Q</b> V <b>Y</b> SEAK	171
ZmFKF1	100	MVVSEIRRCLESEGIEFQGELLNFRKDGAPLHNRLRLVPMHGDDGYVTHVIGI <b>Q</b> L <b>F</b> SEAN	158
BdFKF1	115	MVVSEMRRCLNDGIEFEGELLNFRKDGAPLNNRLRLIPMHGDDGSMTHIIAI <b>Q</b> L <b>F</b> SDAN	173
SiFKF1	117	MVVSEIRRCLENEGIEFQGELLNFRKDGAPLYNRLRLIPMHGDDG <b>S</b> VTHVIGI <b>Q</b> L <b>F</b> SEAN	175
AtLOV2	523	TTVKKIRNAIDNQTEVTVQLIN <b>Y</b> TKSGKKFWN <b>L</b> FHLQPMRDQKGEVQYFIGV <b>Q</b> L <b>D</b> GSKH	581
GmLOV2	506	ATVRKIREAIDNQTDVTVQLIN <b>Y</b> TKSGKKFWN <b>L</b> FHLQPMRDQKGEVQYFIGV <b>Q</b> L <b>D</b> G <b>S</b> QH	564
OsLOV2	461	ATVRKIRDAIDNQAEVTVQLIN <b>Y</b> TKSGKKFWN <b>L</b> FHLQPMRDQKGDVQYFIGV <b>Q</b> L <b>D</b> GTEH	519
ZmLOV2	449	GTVKKIRDAIDNQTEVTVQLIN <b>Y</b> TKSGKKFWN <b>L</b> FHLQPMRDQKGDVQYFIGV <b>Q</b> L <b>D</b> GTER	507
BdLOV2	458	ATVRKIRDAIDNQTDVTVQLIN <b>Y</b> TKSGKKFWN <b>L</b> FHLQPMRDQKGDVQYFIGV <b>Q</b> L <b>D</b> GTEH	516
AsLOV2	461	ATVRKIRDAIDNQTEVTVQLIN <b>Y</b> TKSGKKFWN <b>L</b> FHLQPMRDQKGDVQYFIGV <b>Q</b> L <b>D</b> GTEH	519
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