

TuRLK1 PI428309 <i>Triticum urartu</i>	MARLLLGVSLLAMALGLGCCASTAPAPEPSDSASEPSVSDVRRALLAFKRAIDD.PRAELSNWNTSEPDHCWWSGVWCSSLSDGRVVALELSNSSLSGFLAPEIGSLTSLQKLILDHNAFT	119
TraesCS2A02G368700.2 Chinese Spring <i>Triticum aestivum</i>	MARLLLGVSLLAMALGLGCCASTAPAPEPSDSASEPSVSDVRRALLAFKRAIDD.PRAELSNWNTSEPDHCWWSGVWCSSLSDGRVVALELSNSSLSGFLAPEIGSLTSLQKLILDHNAFT	120
TRITD2Av1G220310.4 <i>Triticum durum</i>	MARLLLGVSLLAMALGLGCCASTAPAPEPSDSASEPSVSDVRRALLAFKRAIDD.PRAELSNWNTSEPDHCWWSGVWCSSLSDGRVVALELSNSSLSGFLAPEIGSLTSLQKLILDHNAFT	120
TRIDC2AG053330.3 <i>Triticum turgidum</i>	MARLLLGVSLLAMALGLGCCASTAPAPEPSDSASEPSVSDVRRALLAFKRAIDD.PRAELSNWNTSEPDHCWWSGVWCSSLSDGRVVALELSNSSLSGFLAPEIGSLTSLQKLILDHNAFT	120
TraesFLD2A01G409100.1 Fielder <i>Triticum aestivum</i>	MARLLLGVSLLAMALGLGCCASTAPAPEPSDSASEPSVSDVRRALLAFKRAIDD.PRAELSNWNTSEPDHCWWSGVWCSSLSDGRVVALELSNSSLSGFLAPEIGSLTSLQKLILDHNAFT	120
Consensus	marlllgvsllamalglgccasi papepsdsasepsvsddvrallafkraidd prael snwntsepdhcwswgvwcslsdgrvva lelsnsslsgflapeigsltslqklildhnaft	
TuRLK1 PI428309 <i>Triticum urartu</i>	GSIPREIGKLNLTVLNLSTNQLEGPPISEAGDMQNITTIDLHANRLSGAIPPELGKLANLKELRLSNNSLTGTIPGSNDSIVSTKKEDQVGLCQLAQLTDDIDLSNNLLAGSIPACLGH	239
TraesCS2A02G368700.2 Chinese Spring <i>Triticum aestivum</i>	GSIPREIGKLNLTVLNLSTNQLEGPPISEAGDMQNITTIDLHANRLSGAIPPELGKLANLKELRLSNNSLTGTIPGSNDSIMVSTKKEDQVGLCQLAQLTDDIDLSNNLLAGSIPACLGH	240
TRITD2Av1G220310.4 <i>Triticum durum</i>	GSIPREIGKLNLTVLNLSTNQLEGPPISEAGDMQNITTIDLHANRLSGAIPPELGKLANLKELRLSNNSLTGTIPGSNDSIMVSTKKEDQVGLCQLAQLTDDIDLSNNLLAGSIPACLGH	240
TRIDC2AG053330.3 <i>Triticum turgidum</i>	GSIPREIGKLNLTVLNLSTNQLEGPPISEAGDMQNITTIDLHANRLSGAIPPELGKLANLKELRLSNNSLTGTIPGSNDSIMVSTKKEDQVGLCQLAQLTDDIDLSNNLLAGSIPACLGH	240
TraesFLD2A01G409100.1 Fielder <i>Triticum aestivum</i>	GSIPREIGKLNLTVLNLSTNQLEGPPISEAGDMQNITTIDLHANRLSGAIPPELGKLANLKELRLSNNSLTGTIPGSNDSIMVSTKKEDQVGLCQLAQLTDDIDLSNNLLAGSIPACLGH	240
Consensus	gsipreigklknl tvlnlstnqlegpipseagdmqnittidlhanrlsgaippelg l nkelrlsnns lgtipgsndsi vstkkedqvglcqlaqltddidlsnnllagsipac lgh	
TuRLK1 PI428309 <i>Triticum urartu</i>	IQRSSMVGNCFHNNDTNRNPDWECGN SMDAGKDNNNNTSIGNEDGQGRV IQPLWLLIVEVVTGVS VLSILTLCAIAGLRRRKDRSSRRGVPWTRALSWKENNVISIDDDLLGNVPKISRQE	359
TraesCS2A02G368700.2 Chinese Spring <i>Triticum aestivum</i>	IQRSSMVGNCFHNNDTNRNPDWECGN SMDAGKDNNNNTSIGNEDGQGRV IQPLWLLIVEVVTGVS VLSILTLCAIAGLRRRKDRSSRRGVPWTRALSWKENNVISIDDDLLGNVPKISRQE	360
TRITD2Av1G220310.4 <i>Triticum durum</i>	IQRSSMVGNCFHNNDTNRNPDWECGN SMDAGKDNNNNTSIGNEDGQGRV IQPLWLLIVEVVTGVS VLSILTLCAIAGLRRRKDRSSRRGVPWTRALSWKENNVISIDDDLLGNVPKISRQE	360
TRIDC2AG053330.3 <i>Triticum turgidum</i>	IQRSSMVGNCFHNNDTNRNPDWECGN SMDAGKDNNNNTSIGNEDGQGRV IQPLWLLIVEVVTGVS VLSILTLCAIAGLRRRKDRSSRRGVPWTRALSWKENNVISIDDDLLGNVPKISRQE	360
TraesFLD2A01G409100.1 Fielder <i>Triticum aestivum</i>	IQRSSMVGNCFHNNDTNRNPDWEC.....KDNNNNTSIGNEDGQGRV IQPLWLLIVEVVTGVS VLSILTLCAIAGLRRRKDRSSRRGVPWTRALSWKENNVISIDDDLLGNVPKISRQE	353
Consensus	iqrssmvgn cfhnn dtrn rpdwec kdn nnts ignedgqrgrvi qplwll livevvtgvs vlsiltlcai aglrrrkdrssrrgvpwtralswken nv isidddllgnvpk isrqe	
TuRLK1 PI428309 <i>Triticum urartu</i>	LAEACEDFSNIIGSSQETVVYKGTMDGREIAVVSMSASVHHWTNYVELYFQKEVVEVARLSHENAGKMVG YCKSSDPFSRMVVF EYPSNGTLYEHLHDVEGCQLSWPRRMKIALSIARV	479
TraesCS2A02G368700.2 Chinese Spring <i>Triticum aestivum</i>	LAEACEDFSNIIGSSQETVVYKGTMDGREIAVVSMSASVHHWTNYVELYFQKEVVEVARLSHENAGKMVG YCKSSDPFSRMVVF EYPSNGTLYEHLHDVEGCQLSWPRRMKIALSIARV	480
TRITD2Av1G220310.4 <i>Triticum durum</i>	LAEACEDFSNIIGSSQETVVYKGTMDGREIAVVSMSASVHHWTNYVELYFQKEVVEVARLSHENAGKMVG YCKSSDPFSRMVVF EYPSNGTLYEHLHDVEGCQLSWPRRMKIALSIARV	480
TRIDC2AG053330.3 <i>Triticum turgidum</i>	LAEACEDFSNIIGSSQETVVYKGTMDGREIAVVSMSASVHHWTNYVELYFQKEVVEVARLSHENAGKMVG YCKSSDPFSRMVVF EYPSNGTLYEHLHDVEGCQLSWPRRMKIALSIARV	480
TraesFLD2A01G409100.1 Fielder <i>Triticum aestivum</i>	LAEACEDFSNIIGSSQETVVYKGTMDGREIAVVSMSASVHHWTNYVELYFQKEVVEVARLSHENAGKMVG YCKSSDPFSRMVVF EYPSNGTLYEHLHDVEGCQLSWPRRMKIALSIARV	473
Consensus	laeacedfsni igssqetvv ykgtm dgreiavv smsasv hwt nyvel yfqkevvevarlshenagkmvg yckssdpf srmv vfeyp sngtlyehlhdveg cqlswpr rmkialsiarv	
TuRLK1 PI428309 <i>Triticum urartu</i>	LRHLHTELQPPFAVAALASSSVYLTEDFSPKIIDFERWRGLVGKPLLSSGCVVNGGGHSGNVVDSRHVRFMDVQANTFAFGVILLELISGRASLSKDTDDLNVNARKHLEQAGEFGKLV	599
TraesCS2A02G368700.2 Chinese Spring <i>Triticum aestivum</i>	LRHLHTELQPPFAVAALASSSVYLTEDFSPKIIDFERWRGLVGKPLLSSGCVVNGGGHSGNVVDSRHVRFMDVQANTFAFGVILLELISGRASLSKDTDDLNVNARKHLEQAGEFGKLV	600
TRITD2Av1G220310.4 <i>Triticum durum</i>	LRHLHTELQPPFAVAALASSSVYLTEDFSPKIIDFERWRGLVGKPLLSSGCVVNGGGHSGNVVDSRHVRFMDVQANTFAFGVILLELISGRASLSKDTDDLNVNARKHLEQAGEFGKLV	600
TRIDC2AG053330.3 <i>Triticum turgidum</i>	LRHLHTELQPPFAVAALASSSVYLTEDFSPKIIDFERWRGLVGKPLLSSGCVVNGGGHSGNVVDSRHVRFMDVQANTFAFGVILLELISGRASLSKDTDDLNVNARKHLEQAGEFGKLV	600
TraesFLD2A01G409100.1 Fielder <i>Triticum aestivum</i>	LRHLHTELQPPFAVAALASSSVYLTEDFSPKIIDFERWRGLVGKPLLSSGCVVNGGGHSGNVVDSRHVRFMDVQANTFAFGVILLELISGRASLSKDTDDLNVNARKHLEQAGEFGKLV	593
Consensus	lrhlhtelqppfavaal asssvy ltedf spki idferwr glvgkpll ssgcvv nggghsngvv dsrhvrfmdvq antfafgv illelisgraslsk dtddl nv narkhleq agefgklv	
TuRLK1 PI428309 <i>Triticum urartu</i>	DPKLRSVGQESLGIICNVVNL CIDAEPSRRPSMNMIGAILEEGVDTSVRDSSLA WAEAAVIS	660
TraesCS2A02G368700.2 Chinese Spring <i>Triticum aestivum</i>	DPKLRSVGQESLGIICNVVNL CIDAEPSRRPSMNMIGAILEEGVDTSVRDSSLA WAEAAIS	661
TRITD2Av1G220310.4 <i>Triticum durum</i>	DPKLRSVGQESLGIICNVVNL CIDAEPSRRPSMNMIGAILEEGVDTSVRDSSLA WAEAAIS	661
TRIDC2AG053330.3 <i>Triticum turgidum</i>	DPKLRSVGQESLGIICNVVNL CIDAEPSRRPSMNMIGAILEEGVDTSVRDSSLA WAEAAIS	647
TraesFLD2A01G409100.1 Fielder <i>Triticum aestivum</i>	DPKLRSVGQESLGIICNVVNL CIDAEPSRRPSMNMIGAILEEGVDTSVRDSSLA WAEAAIS	654
Consensus	dpk lrsvgqeslgi icnvvn lcidaepsrrpsmnmigaileegv dtsvrdssla waeaa is	