

At1g06870	SIPSTSMLPTLDVGDR-----VIAEKVSYYFRKPEVSDIVIFKAPPILVEH---GYSCADVFIKRVIVASEGDWVEVCD
At2g30440	SIPSTSMPYPTLDKGR-----VMAEKVSYYFRKPEVSDIVIFKAPPILLEYPEYGYSSNDVFIKRVIVASEGDWVEVDR
At3g24590	YIPSLSMYPTFDVGDR-----LVAEKVSYYFRKPCANDIVIFKSPPVLQEVG---YTDADVFIKRVIVAKEGDLVEVHN
Os03g55640	SIPSKSMYPTFDVGDR-----ILADKVSYYFREPNILDIVIFRAPPVLQALG---CSSGDVFIKRVIVAKGGDTVEVDR
Os09g28000	SIPSKSMYPTFDVGDR-----ILA EKVSYYFREPEILDIVIFRAPPALQDWG---YSSGDVFIKRVVAKAGDYVEVDR
At3g08980	PVRGDSMSPTFNPQRNSYLDYVLVDKFCLKD-YKFARGDVVVFSSP-----THFGDRYIKRVIVGMPGEWISS--
Os04g08340	TVRGTSMNPTLESQQG---DRALVSRLCLDARYGLSRGDVVVFRSP-----TEHRSLLVKRLIALPGDWIQVPA
At1g23465	YAYGPSMIPTLHPSGN-----MLLAERISKRYQKPSRGDIVVIRSP-----ENPNKTPIKRVVGVGEGDCISFVI
At1g29960	YAYGPSMTPTLHPSGN-----VLLAERISKRYQKPSRGDIVVIRSP-----ENPNKTPIKRVIGIEGDCISFVI
At1g53530	HVHGPSMLPTLNLTGD-----VILAEHLSHRFGKIGLGDVVLVRSP-----RDPKRMVTKRILGLEGDRLTFSFA
Os11g40500	LVMGPSMLPAMNLAGD-----VVAVDLV SARLGRVASGDAVLLVSP-----ENPRKAVVKRVVGMEGDAVTFLV
Os05g23260	VVLSGSMEPGFKR GDI-----LFLHMSKDP IRTGEIVVFNI D-----GREIPIVHRVIKVHEREESA EV
Os06g16260	VVLSGSMEPGFKR GDI-----LFLHMSKDP IRTGEIVVFNV D-----GREIPIVHRVIKVHERQESA EV
At1g52600	VVLSGSMEPGFKR GDI-----LFLHMSKDP IRTGEIVVFNV D-----GRDIPIVHRVIKVHERENTGEV
Os02g58140	VVLSESMELGFER GDI-----LFLQMSKHPIRTGDIVVFND-----GREIPIVHRVIEVHERRDNAQV
At3g15710	VVLSESMEPGFQRGDI-----LFLRMTDEPIRAGEIVVFSD-----GREIPIVHRAIKVHERGDTKAV

At1g06870	GKLLVNDT-----
At2g30440	GKL FVNDI-----
At3g24590	GKLMVNGV-----
Os03g55640	GKLLVNGV-----
Os09g28000	GKLIVNGV-----
At3g08980	-----SRDVIRVPEG----
Os04g08340	-----AQEIRQIPVG----
At1g23465	DPVKSDSQTI VVPKG----
At1g29960	DSRKSDSQTI VVPKG----
At1g53530	DPLVG DAS-----
Os11g40500	DPGNSDASKT VVVPKG----
Os05g23260	DILTK-----
Os06g16260	DILTK-----
At1g52600	DVLTKGDNNY GDDRLLYAEG-
Os02g58140	DFLTKGDNNPMD DRILYTHGQ
At3g15710	DVLTKGDNN DIDI-----