	R1	R2	R3	R4	R5	R6	R7	R8
AtPum1	SRQ	NYQ	CRQ	NHQ	CRQ	NYQ	SNE	NYQ
AtPum2	SRQ	NYQ	CRQ	NHQ	CRQ	NYQ	SNE	NYQ
AtPum3	SRQ	NYQ	CRQ	NHQ	CRQ	NYQ	SNE	NYQ
AtPum4	SRQ	NYQ	CRQ	NHQ	CRQ	NYQ	SNE	NYQ
AtPum5	SRQ	NYQ	CRQ	NHQ	CRQ	NYQ	SNE	NYQ
AtPum6	SRQ	NYQ	CRQ	NHQ	CRQ	NYQ	SNE	NYQ
AtPum7	CRQ	NYQ	TRQ	NHQ	CCQ	NYQ	SHE	NFQ
AtPum8	CRQ	NYQ	TRQ	NHQ	CCQ	NYQ	SHE	NFQ
AtPum9	CRQ	NYQ	TRQ	NHQ	CCQ	NYQ	SHE	NYQ
AtPum10	CRQ	NYQ	TRQ	YHQ	CYQ	NYQ	SHE	NYQ
AtPum11	CRQ	NYQ	TRQ	NHL	CCQ	NYQ	SHE	NYQ
AtPum12	CRQ	NYQ	TRQ	NHQ	CCQ	NYQ	SNE	NYQ
AtPum13	SKE	NDK	TLQ	KYL	CCQ	NYQ	SHQ	NYQ
AtPum14	SEG	SDQ	TNQ	IFL	CCQ	NYQ	SHQ	NYQ
AtPum15	SHQ	HKR	THQ	HRL	CCK	TLK	SHQ	DYQ
AtPum16			SKQ	SYI	CIN	NFQ	SYE	NFC
AtPum17			SKQ	SYI	CIN	NFQ	SYE	NFC
AtPum18		VSK	SRQ	SYI	CIN	NFQ	SYE	NFV
AtPum19		VSK	SRQ	SYI	CIN	NFQ	SYE	NFV
AtPum20	PRP	AMQ	SKQ	SYR		NFQ	SYD	NFC
AtPum21			SQR	RGI	CLN	THQ	SYE	NFQ
AtPum22				SLQ	IQK		SKE	NNK
AtPum23	SHE	NFQ	SGA		CLQ	ARE	SFE	PYR
AtPum24	SRQ	VHQ	SLE		TAQ		SMA	SRS
AtPum25			SYQ	NYQ	YQE			
AtPum26				FLQ	FLV	ICE	SNE	
Os08g40830	SRQ	NYQ	CRQ	NHQ	CRQ	NYQ	SNE	NYQ
Os01g62650	SRQ	NYQ	CRQ	NHQ	CRQ	NYQ	SNE	NYQ
Os02g57390	SRQ	NYQ	CRQ	NHQ	CRQ	NYQ	SNE	NYQ
Os05g01910	SRQ	NYQ	CRQ	NHQ	CRQ	NYQ	SNE	NYQ
Os01g74030	SRQ	NYQ	CRQ	NHQ	CRQ	NYQ	SNE	NYQ
Os04g12480	SRQ	NYQ	CRQ	NHQ	CRQ	NYQ	SNE	NYQ
Os12g30520	CRQ	NYQ	TRQ	CHL	CCQ	NYQ	SNE	NYQ
Os11g37090	CRQ	NYQ	TRQ	SHQ	CCQ	NYQ	SHE	NFQ
Os12g31000	CRQ	NYQ	TRQ	NHQ	CCQ	NYQ	SNE	NYY
Os12g38590	SRQ	NYQ	CRQ	NHQ	CRQ	NYQ	SNE	NYQ
Os09g32210	SRQ	NYQ	CRQ	NHQ	CRQ	NYQ	SNE	NYQ
Os03g09150	CRQ	NYQ	TRQ	NHQ	CCQ	NYQ	SNE	NYH
Os09g08730	SRQ	NYQ	CRR	SDQ		NYQ	SNE	NYQ
Os10g25110	SHE	NYQ	AGA		CLQ	SRE	SFE	
Os09g20560				LRQ	LLQ	NYQ	SRE	NYS
Os05g26040				SYQ	FDE	NNQ	S E	
Os03g09300	LSA		EAR		SRV	NYQ	SYE	NYQ
Os04g20774	SRQ	NYQ						
Os04g20800							SNE	NYQ