

S6   SaPI <i>pif</i> gene products	
	1
SaPIbov1	MDKEQLKKYIYDYVKEYKEIPIYQLEDLFKEMNHDIIGRTSITHDKDENVFWSGWNKI
SaPI2	MDKEQLKKYIYDYVKEYKEIPIYQLEDLFKEMNHDIIGRTSVTHDKDENIVFWSGWNKI
SaPI122	MDKEQLKKYIIEYVKEYKEIPIYQLEDLFKEINHDIIGRTSITHDKDENIVFWSGWNKI
SaPImu3A	MDKEQLKKYIIEYVKEYKEIPIYQLEDLFKEINHDIIGRTSITHDKDENIVFWSGWNKI
SaPIml	MDKEQLKKYIIEYVKEYKEIPIYQLEDLFKEINHDIIGRTSITHDKDENIVFWSGWNKI
SaPIn1	MDKEQLKKYIIEYVKEYKEIPIYQLEDLFKEINHDIIGRTSITHDKDENIVFWSGWNKI
SaPI4	MDKEQLKKYIIEYVKEYKEIPIYQLEDLFKEINHDIIGRTSITHDKDENIVFWSGWNKI
SaPIbov2	MEKEQLKQYMYDYVKEHKEIPIYQLEDLFKELDHDYKKGKTSVTHDQDNIVFWSGWNKL
SaPI3	MNKNQLKSEILEYIKAHAGTSFVEIERVFEENNFDYKGDGAYTSGQHPNVVFWIGWNQE
SaPI1	MNKNQLKSEILEYIKGHAGTSFVEIERVFEENNFDYKGDGAYTSGQHPNVVFWIGWNQE
SaPIml4	MNKNQLKSEILEYIKAHAGTSFVEIERVFEENNFDYKGDGAYTSGQHPNVVFWIGWNQE
SaPImu3B	MNKNQLKSEILEYIKAHAGTSFVEIERVFEENNFDYKGDGAYTSGQHPNVVFWIGWNQE
SaPI5	MNRNRMKQIILEYIKNNDSTSFVEIENVFEEQGFKYKNGAYTSGNHKNIIFWVGWNEE
SaPImw2	MNRNRMKQIILEYIKNNDSTSFVEIENVFEEQGFKYKNGAYTSGNHKNIIFWVGWNEE
ShPI1	KN-IQSKLI--DYIKDNAGTSFVEIEKVFDENGFDYKQGAYTSLENSNIIVFWYGNKQ
	60
	118
SaPIbov1	TMFALIELVKSEQLDLVYRGSFVMRYLLDGRVPNLPLAICYPEDGQQTDPVPSWVPMVLRINKEEKIK
SaPI2	TMFALIELVKSEQLDLVYRGSFVMRYLLDGRVPNLPLAICYPEDGQQTDPVPSWVPMVLRINKEEKIK
SaPI122	TMFALIELVKSEQLDLVYRGSFIMRYLLDGRVPNLPLAICYPEDGQQTDPVPSWVPMVLRIN
SaPImu3A	TMFALIELVKSEQLDLVYRGSFIMRYLLDGRVPNLPLAICYPEDGQQTDPVPSWVPMVLRIN
SaPIml	TMFALIELVKSEQLDLVYRGSFIMRYLLDGRVPNLPLAICYPEDGQQTDPVPSWVPMVLRIN
SaPIn1	TMFALIELVKSEQLDLVYRGSFIMRYLLDGRVPNLPLAICYPEDGQQTDPVPSWVPMVLRIN
SaPI4	TMFALIELVKSEQLDLVYRGSFIMRYLLDGRVPNLPLAICYPEDGQQTDPVPSWVPMVLRIN
SaPIbov2	TMYALIDLKGEHLDLIYRGSYVMRYLLDGRVPNLPLAITYPEYGQQTTEVPSWVPMVLRVAK
SaPI3	AFDVIAELKKDRRIEMDICEPIV--YMVDGKGLDLPV-----RSKNIKTDHWLPVTF'TISKKE
SaPI1	AFDVIAELKKDRRIEMDICEPIV--YMVDGKGLDLPV-----RSKNIKTDHWLPVTF'TISKKE
SaPIml4	AFDVIAELKKDRRIEMDICEPIV--YMVDGKGLDLPV-----SSKNIKTDHWLPVTF'TISKKE
SaPImu3B	AFDVIAELKKDRRIEMDICEPIV--YMVDGKGLDLPV-----SSKNIKTDHWLPVTF'TISKKE
SaPI5	AFNIVADLKRDLIEMQIC-PP-MYYLIDGKGLRPLV-----KNKNIKTDHWLPVTF'SL
SaPImw2	AFNIGADLKRDLIEMQIC-PP-MYYLIDGKGLRPLV-----KNKNIKTDHWLPVTF'SL
ShPI1	AFDVVSELVNDGVIEMQCESII--YMVDGKGLNFPIL-----KSDNVDTYHWLPVTF'FAINKNEK