

Additional file 6

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Aedes aegypti	SPQASP	AASILKRRH	NQDDSG	DDLES	PANKRKRVSF	36		
Anopheles darlingi	SPQASP	AVGILKRRH	GNSSDDSD	DENET	PANKRKRVSF	37		
Anopheles gambiae	SPKASP	AGSILKRRH	NQDESG	DDID	SPVNKRKRVSF	36		
Camponotus floridanus	SLTASP	SASILKRRQSSIP	EPD	LDSSTP	NKRKRVSF	36		
Harpegnathos saltator	SLTASP	SASILKRYRSTV	SEQD	SDQITP	NKRKRVSF	36		
Nasonia vitripennis	SLTASP	SVSILKR	-----	MOE	VDVETP	NRKKRVSF	30	
Drosophila erecta	SPSASP	SVSILKRLRCES	LDD	VTLD	SPALKRKRVSF	37		
Drosophila melanogaster	SPSASP	SVSILKRLRCES	LDD	VTLD	SPALKRKRVSF	37		
Drosophila simulans	SPSASP	SVSILKRLRCES	LDD	VTLD	SPALKRKRVSF	37		
Drosophila ananassae	SPSASP	SVSILKRLRCES	LDD	ATLD	SPALKRKRVSF	37		
Drosophila sechellia	SPSASP	SVSILKRLRCES	IDD	VTLE	SPALKRKRVSF	37		
Drosophila persimilis	SPSASP	SVSILKRLRCES	IDD	SMSYE	SPALKRKRVSF	38		
Drosophila pseudoobscura	SPSASP	SVSILKRLRCES	IDD	SMSYE	SPALKRKRVSF	38		
Drosophila virilis	SPSASP	SASILKRLRCES	IDD	F--	ESPALKRKRVSF	35		
Drosophila willistoni	SPSASP	SASILKRLRCES	IDD	FSME	SPAMKRKRVSF	37		
Drosophila grimshawi	SPSASP	SASILKRLRCES	MDD	F--	ESPAQKRKRVSF	35		
Callithrix jacchus	SPLASP	STSILKRGLKR	SQED	--	EISSPVNKVRRVSF	35		
Homo sapiens	SPLASP	STSILKRGLKR	SQED	--	EISSPVNKVRRVSF	35		
Pan troglodytes	SPLASP	STSILKRGLKR	SQED	--	EISSPVNKVRRVSF	35		
Pongo abelii	SPLASP	STSILKRGLKR	SQED	--	EISSPVNKVRRVSF	35		
Macaca mulatta	SPLASP	STSILKRGLKR	SQEE	--	EISSPVNKVRRVSF	35		
Ailuropoda melanoleuca	SPLASP	STSILKRGLKRP	QED	--	EISSPVHKVRRVSF	35		
Equus caballus	SPLASP	STSILKRGLKRP	LOED	--	EISSPVHKVRRVSF	36		
Bos taurus	SPLASP	STSILKRGLKRP	QED	--	EISSPVHKVRRVSF	35		
Sus scrofa	SPLASP	STSILKRGLKRP	QED	--	EISSPVHKVRRVSF	35		
Oryctolagus cuniculus	SPLASP	STSILKRGLKRP	QED	--	ENSPVNKIRRVSF	35		
Mus musculus	SPLASP	STSILKRGLKR	SQED	--	EI-SPVNKIRRVSF	34		
Rattus norvegicus	SPLASP	STSILKRALKR	SQED	--	EI-SPINKVRRVSF	34		
Gallus gallus	SPSASP	STSILKRGVKRH	HED	--	DSLSPANKIRRVSF	35		
Taeniopygia guttata	SPSASP	STSILKRGVKR	SQED	--	DSLSPANKIRRVSF	35		
Xenopus tropicalis	SPSASP	STSILKKGVKRQ	QEN	--	DSPSPLNKIRRVSF	35		
Danio rerio	SPSASP	STSILKKGQKRA	CEE	--	ETPSPIPKSRRVSF	35		
Tribolium castaneum	SPMTVPAS	GILKRK	----	S-ED	--	DSGAPVAKRKRVSF	31	
Trichoplax adhaerens	SPKTSP	--TGILKRW	----	S---	SLDSPSPSGKARRVTF	30		
Hydra magnipapillata	SHKMSPA	NGILKKKP	MA	----	SP-PITKSRHVTF	30		
Ixodes scapularis	DP	ASPGLNGILKRK	SCGVDSPE	----	HSPQRTSRVSF	34		

