

Figure S1

	*
Homo.sapien	EEGAVRGLYKGLSMN <sup>*</sup> WVKGPIAVGISF
Mus.musculus	EEGAVRGLYKGLSMN <sup>*</sup> WVKGPIAVGISF
Rattus.norvegicus	EEGAVRGLYKGLSMN <sup>*</sup> WVKGPIAVGISF
Gallus.gallus	EEGLIRGLYKGLSMN <sup>*</sup> WVKGPIAVGISF
Boiga.irregularis	EEGLVRGLYKGLSMN <sup>*</sup> WVKGP-----
Xenopus.tropicallis	EEGFIRGLYKGLSMN <sup>*</sup> WVKGPVAVGISF
Danio.rerio	EEGIVRGLYKGLSMN <sup>*</sup> WVKGPIAVGISF
Schistosoma.haematobium	DEGFIRGLYKGLSVN <sup>*</sup> WIKGPVASGISF
oriental.fruitfly	-----NQYRTIIAVGISF
Schizosaccharomyces.pombe	TEG-INGFRGYSSNMLKIIPVMSITW