

FNIP2 ortholog promoters

M box

Microcebus murinus	TGGGTAGGATTTTGC AAGGTTGCAGAGTAAGACCTGTCAGCTGATGCTTGTCTCACATGACA-CCAGTAAGAGGGTGGTGTGGCC
Otolemur garnettii	TGGGTAGGATTTTGC AAGGTTGCAGAGTAAGACCTATCAGCTGACACTTGTCTCACATGACAGCCATTAAGAGGGTGGTGTGGCC
Ochotona princeps	TGGGTAGAATTTGTC AAGGTTGCAGACCAAGAGCTGTCAGCTGACGCTTGTCTCACATGACAGTCATTAGAAGGGTGGCGTGGCC
Oryctolagus cuniculus	TGGGTAGAGTTTGC AAGGTTGCAGGGTAAGACCCCTGTCAGCTGACGCTTGTCTCACATGAGAGCCATTAAGAGGGTGGTGTGGCC
Erinaceus europaeus	TGGATAGAATTTTGC AAGGTTTTCAGGCTAAGACCTATCAGCTGATACTTGTCTCACATGAGAGCCATTA-----GTGGTGTGGCC
Homo sapiens	TGGGTAGAATTTTGC AAGATTGCAGAGTAAGACCTGTCAGCTGACACTGGCTCACATGAGAGCCATTAAGAGGGTGGTGTGGCC
Pan troglodytes	TGGGTAGAATTTTGC AAGATTGCAGAGTAAGACCTGTCAGCTGACACTGGCTCACATGAGAGCCATTAAGAGGGTGGTGTGGCC
Gorilla gorilla	TGGGTAGAATTTTGC AAGATTGCAGAGTAAGACCTGTCAGCTGACACTGGCTCACATGAGAGCCATTAAGAGGGTGGTGTGGCC
Pongo pygmaeus	TGGGTAGAATTTTGC AAGATTGCAGAGTAAGACCTGTCAGCTGACACTGGCTCACATGAGAGCCATTAAGAGGGTGGTGTAGCC
Macaca mulatta	TGGGTAGAATTTTGC AAGATTGCAGAGTAAGACCTGTCAGCTGACACTGGCTCACATGAGAGCCATTAAGAGGGTGGTGTGGCC
Dasyopus novemcinctus	TGGGTAGAATTTTACAAGATTGCAGAGTAAGACCTGTCAGCTGACACTTGTCTCACATGAAAGCCATTAAGAGGGTGGTGTGGCC
Sorex araneus	CCAGTCGAAATTTTGC AAGGTTGCAGAGTAAGACCAGTCAGCTGACACTTGTCTCACATGAGAGCCATTAAGAGGGTGGTGTGGCC
Echinops telfairi	TGGGTAGAATTTTGC AAGGTTGCATAGTAAGGCCAGTCAGCTGACACTTGTCTCACATGACAGCCATTAAGAGGGTGGTGTGGCC
Loxodonta africana	TGGGTAGAATTTTGC AACGTTGCAGAGTAAGACTTGTCTGACACTAGTTTACATGAGAACCCATTAAGAGGGTGGTGTGGCC
Tarsius syrichta	-TGGTAGAATTTTGC AAGGTTGCTGAGTAAGACCTGTCAGCTGACACTCACTCATATGAGAGCCATTAAGAGGGTGGTGTGGCC
Pteropus vampyrus	CGGGCAGAATTTTGC AAGGTTGCAGAGTAGGACCTGTCAGCTGACACTCGCTCACATGAGAGACATTAAGAGGGTGGTGTGGCC
Bos taurus	TGGGCAGGA-TTTTCAAGGTTGCAGAGTAGACCTGTCAGCTGACACTTGTCTCACAGGAGAGCCATTAAGAGGGTGGTG--GCC
Tursiops truncatus	TGGGCCGT--TTTCAAGGTTGCAGAGTAGACCTGTCAGCTGACACTTGTCTCACAGGAGATCCATTAAGAGGGTGGTG--GCC
Equus caballus	TGCGTAGAATTTTGC AAGGTTGCAGAGTAAGACCTGTCAGCTGACACTTCTCACATGAGAGCCATTAAGAGGGTGGTGTGGCC
Mus musculus	TGGACAGAGTTTGC AAGGTTGTGGAGTAGAAGCTGTCAGCTGATACTTACTCACATGAGAACCCATTAAGAGGGTGGTGC GGCC
Rattus norvegicus	TGGACAGAGTTTGC AAGGTTG--GAGTAGCAGCTGTCAGCTGATACTACTCACATGAGAACCCATTAAGAGGGTGGTGTGGCC
Myotis lucifugus	TGGGCAGAGTTTGC AAGGTTGCAGAGTAAGACCTGTCAGCTGACGCTTGTCTCACATGAGAACCCATTAAGAGGGTGGTGTGGCC
Felis catus	TGGGTAGAGTTTGC AAGGTTGCAGAGTAAGACCTGTCAGCTGACGCTTGTCTCACATGAGAGCCATTAAGAGGGTGGTGTGGCC
Dipodomys ordii	TGGGTAGAGTTTGC AAGGTTGCAGAGTAAGACTCTGTCAGCTGACACTTGTCTCACATGAGAGCCATTAAGAGGGTGGTGTGGCC
Procavia capensis	TGGGTAGAGTTTGC AAGGTTGCAGAGTAAGACCTGTCAGCTGACACTCGTTCACATGAAAGCCATTAAGAGGGTGGTGTGGCC
Cavia porcellus	TGGGTGGGGCTCTGCGAGGGTGTGGGGAAGCATGTCAGCTGACACTGGCTCACATGAGGGCCATTAAGAGGGTGGCGTGGCC
Tupaia belangeri	TGGGGAGGGTTTGC AAGGCTG-GGAGCGAGACCTGTCAGCTGACACTTGTCTCACATGAGAGCCATTA---GGGTGGTGGGGC-

Figure S4. A highly conserved M-box sequence in the FNIP2 ortholog promoters. Multiple sequence alignment shows a highly conserved M-box sequence in the FNIP2 ortholog promoters. FNIP2 ortholog promoter sequences were obtained from the Ensembl database (www.ensembl.org) and aligned with Clustalx (1.8) software.