

Bensheng Ju Supplementary Fig. S1

Zebrafish	-----MSSKRPCSI VGSFWMLWIWTATSMVARAVILHPN
Mouse	MAAGR PVRGPELAPRRLQLLLLLVLLGGPGRGAALSGNVTGPGPHSASGSSRRDVPVTSF
Zebrafish	ETIFNDFCKKSTTCEVLKYN TCLGSPLPYTHTSLILAEDSETQEEAF EK LAMWSGLRNAP
Mouse	PPPLLSHCGRAAHCEPLRYN VCLGSALPYGATTTLLAGDSDSQEEAHGKLV LWSGLRNAP
Zebrafish	RCWAVIQPLLCAVYMPKCENGKVELPSQHLCQATRNPCSI VERERERGWP NFKCENKEQFP
Mouse	RCWAVIQPLLCAVYMPKCENDRVELPSRTL CQATRGPCAI VERERERGWPDFLRCTP-DHFF
Zebrafish	KGCQNEVQKLKFNTSGQCEAPLVKTDIQASWYKDVEGCGIQCDNPLFTEDEHSDMHSYIA
Mouse	EGCPNEVQNIKFNSSGQCEAPLVRTDNPKSWYEDVEGCGIQCNPLFTEAEHQDMHSYIA
Zebrafish	VFGTITLLCTFLHLATFLADWKN SNRYPAVILFYVNACFFIGSIGWLAQFMDGARNEIVC
Mouse	AFGAVTGLCTLFTLATFVADWRNSNRYPAVILFYVNACFFVGSIGWLAQFMDGARNEIVC
Zebrafish	KSDNTRMLGEPSSSTETLSCV IIFVIVYYSLSMSGVIWFVMLTYAWHTSFKALGTT HQPLSG
Mouse	RADGTRMRFGEPTSSETLSCV IIFVIVYALMAGVVWFVLT YAWHTSFKALGTT YQPLSG
Zebrafish	KTSYFHLVTWSIPFILTVAI LANSQVDADSVSGICFVGYRYEYRAGFVLAPIGFVLVIG
Mouse	KTSYFHLLTWSLFPVLTVAI LAVAQVDGDSVSGICFVGYKNYRYRAGFVLAPIGLVLIVG
Zebrafish	GYFLIRGVMTLFSIKSNHPGLLSEKAASKINETMLRLGIFGFLAFGFVLITFGCHF YDFD
Mouse	GYFLIRGVMTLFSIKSNHPGLLSEKAASKINETMLRLGIFGFLAFGFVLITFSCHF YDFD
Zebrafish	NQAEWERSFREYVLC EANTVIAHQTNKPIPECAIKNRPSLLVGKINLFSMFGTG IAMSTW
Mouse	NQAEWERSFRDYVLCQANVTIGLPTKKPIPDCEIKNRPSLLVEKINL FAMFGTG IAMSTW
Zebrafish	VWTKATILIWKR TWFR IIGRSDD EPKRIKSKMIAKAFSKRKELQKDPEKEL SFSMHTVS
Mouse	VWTKATLLIWRRTWCRLTGHSDDEPKRIKSKMIAKAFSKRRELLQNP GQEL SFSMHTVS
Zebrafish	HEGPVAGINFDLNEPSIEMSSAWAQHVTKMVARRGAILPQDISVTPGTPIPPPEERNKL
Mouse	HDGPVAGLAFDLNEPSADVSSAWAQHVTKMVARRGAILPQDVSVTPVATPVPPEEQAN-M
Zebrafish	WMVEAEISPEMMKRKKKKRRKEVRPAGPAADEGNPAYHRREFGPSAVPRLPKLPGHRS
Mouse	WLVEAEISPELEKRLGRKKRRKRKKEVCPLRPAPELHHSAPVPATS AVPRLPQLPRQKC
Zebrafish	LVANLWEQQRQQQEEQDMLPGAFPEFRPSCPLPYQDRYGGGLGYLRNKPSLPLANPLTLR
Mouse	LVAANAWGTGESCRQGAWTLVSNPFCPEPSPHQDPFLPG-----
Zebrafish	DSMQGDLSHFQQSSWQPKGVFRHLGQEASMMDVGRTAVVPRADGRRGVQIHSRTNLMDAE
Mouse	-----ASAPRVWAQGR LQGLS IHSRTNLMEAE
Zebrafish	LLDADSDF
Mouse	ILDADSDF