

Supplemental Figure S21 – Example of an AS event view entry in VastDB

Adapted screenshot of the Event view from VastDB (<http://vastdb.crg.eu>) for a human AltEx event (based on HsaEX0033219 and HsaEX0033220). Event view includes, from top to bottom, general information, sequence information, protein impact of the alternative sequence, evolutionary conservation (currently with mouse and chicken), suggested primers for RT-PCR validation, genomic context (linking to UCSC Genome Browser), interactive plot of PSI across 63 human cell and tissue types from averaging 118 samples, plots of PSIs for other datasets of special interest, links to other AS databases, and mapping to protein structures (when available). General information, sequence data, domain mappings, conservation, PCR primers and genomic context correspond to HsaEX0033220. Associated events, inclusion levels and protein structure correspond to HsaEX0033219.