

Supplementary Figure 1

Ft	..MSINIRDPLIVSRVVGDVLDPFNRSITLKWTYGQREVT	38
Hd3a	MAGSGRDRDPLVWGRVVGDVLDAFVRSITNLKWTYGSKTVS	40
Sp3d	...MPRERDPLVWGRVVGDVLDPFTRTIGLRWIYRDREWN	37
Ft	NGLDLRPSQVQNKPRVEIGGEDLRNFYTLVMVDPDVPSPS	78
Hd3a	NGCELKPSMVT HQPRVEVGGNDMRTFYTLVMVDPDAPSPS	80
Sp3d	NGCEL RPSQVINQPRVEVGGDDLRTFFTLVMVDPDAPSPS	77
Ft	NPHLREY LHVLVTDIPATTGTTFGNEIVCYENPSPTAGIH	118
Hd3a	DPNLREY LHVLVTDIPGTTAASFGQEVMCYESPRPTMGIH	120
Sp3d	DPNLREY LHVLVTDIPATTGSSFGQEI VSYESPRPSMGIH	117
Ft	RVVFILFRQLGRQTVYAPGWRQNFNTREFAEIYNLGLPVA	158
Hd3a	RLVFWLFCQLGRQTVYAPGWRQNFNTKDFAE LYNL GSPVA	160
Sp3d	RFVFWLFRQLGRQTVYAPGWRQNFNTRDFAELYNLGLPVA	157
Ft	AVFYNCQRESGC GRRRL	175
Hd3a	AVFYNCQREAGS GRRRVYN	179
Sp3d	AVFYNCQRESGS GRRRSA	176