Top 10 Isoforms (Day3/6/12 Highest Expression, EM Genes) Top 10 Isoforms (NPC Highest Expression, EM Genes) Chd9 - ENSMUST00000209474 Dpf3 - ENSMUST00000140327 Chd3 - ENSMUST00000092971 Chd3 - ENSMUST00000108661 12000 FDR = 2.3e-05 FDR = 3.5e-04 300 FDR = 5.4e-05 FDR = 5.7e-05 1500 1000 9000 750 1000 200 6000 500 100 500 3000 250 0 0 Dpf3 - ENSMUST00000147469 Chd3 - ENSMUST00000128981 Hdac1 - ENSMUST00000132909 Hr - ENSMUST00000022691 FDR = 2.6e-04 FDR = 2.0e-04 FDR = 2.6e-04 FDR = 2.0e-04200 4000 400 90 150 300 3000 60 100 2000 200 30 50 1000 100 0 Hdac1 - ENSMUST00000150105 Kat8 - ENSMUST00000205357 Hr - ENSMUST00000161069 Hr - ENSMUST00000163060 Mean Expression Level Mean Expression Level FDR = 2.6e-04 FDR = 3.4e-04FDR = 2.0e-04 FDR = 2.0e-04 400 15000 100 Day Day 300 10000 75 NPC NPC 10000 Day3 200 Day3 50 5000 5000 Day6 Day6 100 25 Day12 Day12 0 Phrf1 - ENSMUST00000211144 Zcwpw1 - ENSMUST00000035852 L3mbtl3 - ENSMUST00000040219 Smarca1 - ENSMUST00000077569 FDR = 3.7e-04600 FDR = 2.7e-04 FDR = 2.0e-04 FDR = 2.6e-04 300 6000 150 400 4000 200 100 200 2000 100 50 **Smarca2 - ENSMUST00000025862 Zmynd8 - ENSMUST00000109262 Zmynd8 - ENSMUST00000153655** Smarca2 - ENSMUST00000176030 FDR = 3.1e-04 FDR = 2.6e-04 FDR = 2.0e-04 FDR = 2.0e-04 1200 9000 9000 750 800 6000 6000 500 400 3000 250 3000 Condition Condition