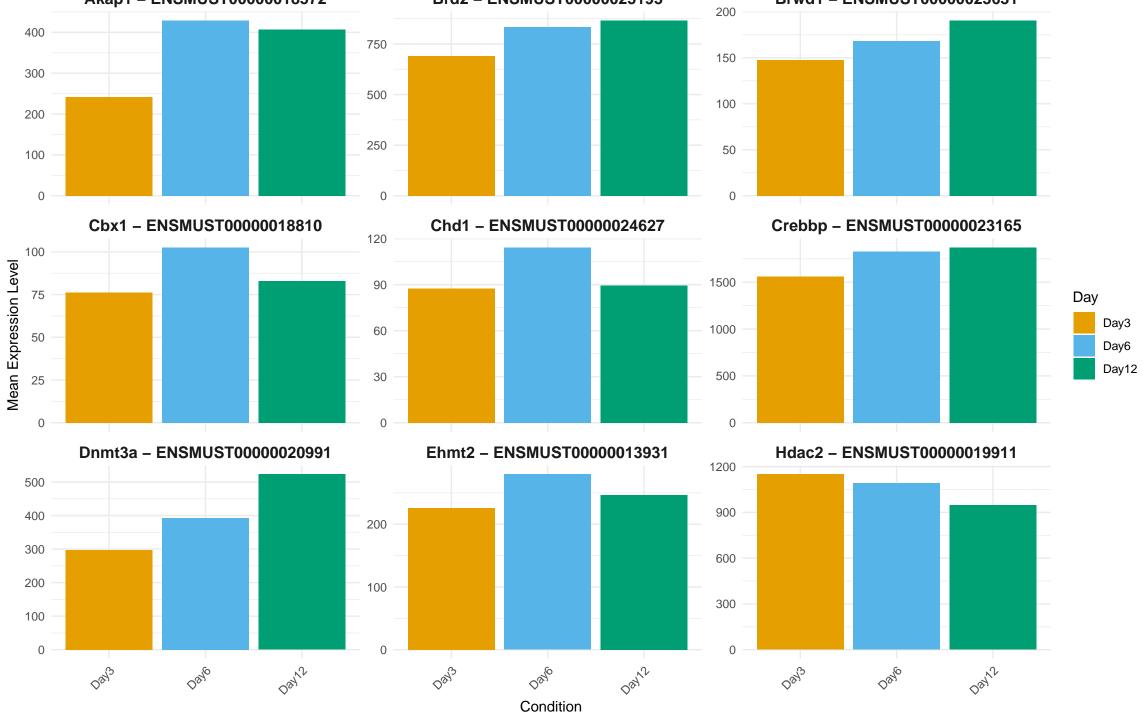


**Isoform Expression Across Conditions** Akap1 - ENSMUST00000018572 Brd2 - ENSMUST00000025193 Brwd1 - ENSMUST00000023631 



**Isoform Expression Across Conditions** Brd3 - ENSMUST00000028282 **Brdt - ENSMUST00000031215** Cbx2 - ENSMUST00000026662 Cbx4 - ENSMUST00000026665 Cbx8 - ENSMUST00000026663 Chd2 - ENSMUST00000026895 Mean Expression Level Day Day3 Day6 Day12 Chd5 - ENSMUST00000030775 Cxxc1 - ENSMUST00000025444 Dpf2 - ENSMUST00000025746 08%

**Isoform Expression Across Conditions** Atad2 - ENSMUST00000038194 Bahd1 - ENSMUST00000036578 Baz1a - ENSMUST00000038926 Cbx3 - ENSMUST00000031862 Brd7 - ENSMUST0000034085 Chd2 - ENSMUST00000038366 Mean Expression Level Day Day3 Day6 Day12 Dido1 - ENSMUST00000037764 Fbxl19 - ENSMUST00000033081 Hdac6 - ENSMUST00000033501 

08/6

Condition

**Isoform Expression Across Conditions** Atad2b - ENSMUST00000045664 Bahcc1 - ENSMUST00000044985 Baz2a - ENSMUST00000045621 Brwd3 - ENSMUST00000041866 Chd6 - ENSMUST00000039782 Chd7 - ENSMUST00000039267 Mean Expression Level Day Day3 Day6 Day12 Ehmt1 - ENSMUST00000046227 Ep400 - ENSMUST00000041558 Hdac3 - ENSMUST00000043498 Osylo Condition

**Isoform Expression Across Conditions Bptf - ENSMUST00000057892** Chd4 - ENSMUST00000056889 Chd7 - ENSMUST00000051558 Chd9 - ENSMUST00000048665 Cxxc5 - ENSMUST00000060722 Dnmt3b - ENSMUST00000056495 Mean Expression Level Day Day3 Day6 Day12 Dpf1 - ENSMUST00000049977 Dpf1 - ENSMUST0000065181 G2e3 - ENSMUST00000054308 

Condition

Osylo

**Isoform Expression Across Conditions** Alg13 - ENSMUST00000070801 Cbx1 - ENSMUST00000079702 Brd3 - ENSMUST00000077737 400 100 3 300 2 200 50 100 0 Cdyl - ENSMUST00000075220 Dnmt3b - ENSMUST00000072997 Dnmt3b - ENSMUST00000081628 10.0 Mean Expression Level 30 6 7.5 Day 20 Day3 5.0 Day6 Day12 10 2.5 0.0 0 Ehmt2 - ENSMUST00000078061 Ep300 - ENSMUST00000068387 Hdac7 - ENSMUST00000079838 800 300 600 200 200 400 100 100 200 0 0846 0843 08/6 Condition

**Isoform Expression Across Conditions** Brd1 - ENSMUST00000088911 Cbx7 - ENSMUST00000089293 Chd8 - ENSMUST00000089752 300 40 20 30 15 200 20 10 100 10 5 0 Dido1 - ENSMUST00000087517 Dnmt3a - ENSMUST00000085826 Dnmt3b - ENSMUST00000088976 Mean Expression Level 7.5 600 Day 5.0 Day3 400 Day6 Day12 2.5 200 0 0.0 Ezh2 - ENSMUST00000081721 Hdac7 - ENSMUST00000088402 Hdac8 - ENSMUST00000087916 500 400 300 400 300 300 200 200 200 100 100 100

0

08/3

08%

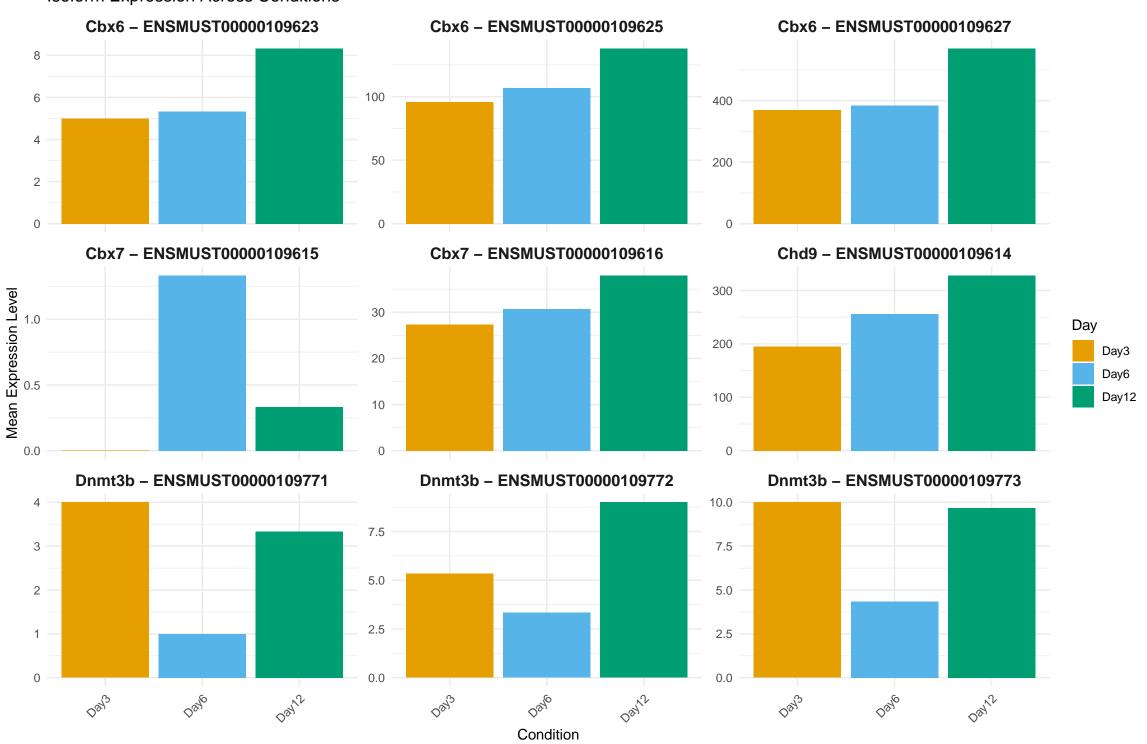
**Isoform Expression Across Conditions** Ash1I - ENSMUST00000090933 AsxI2 - ENSMUST00000092003 Baz2b - ENSMUST00000090925 Brd2 - ENSMUST00000095347 Cbx1 - ENSMUST00000093943 Cbx3 - ENSMUST00000094623 Mean Expression Level Day Day3 Day6 Day12 Chd3 - ENSMUST00000092971 Ehmt1 - ENSMUST00000091348 Ezh2 - ENSMUST00000092648 08% Condition

**Isoform Expression Across Conditions** AsxI3 - ENSMUST00000097655 Brd8 - ENSMUST00000097626 Brd9 - ENSMUST00000099384 Brwd1 - ENSMUST00000099502 Brwd3 - ENSMUST00000101283 Cecr2 - ENSMUST00000100993 Mean Expression Level Day Day3 Day6 Day12 Ehmt2 - ENSMUST00000097342 Ezh1 - ENSMUST00000100417 Hdac4 - ENSMUST00000097644 08% 08/3

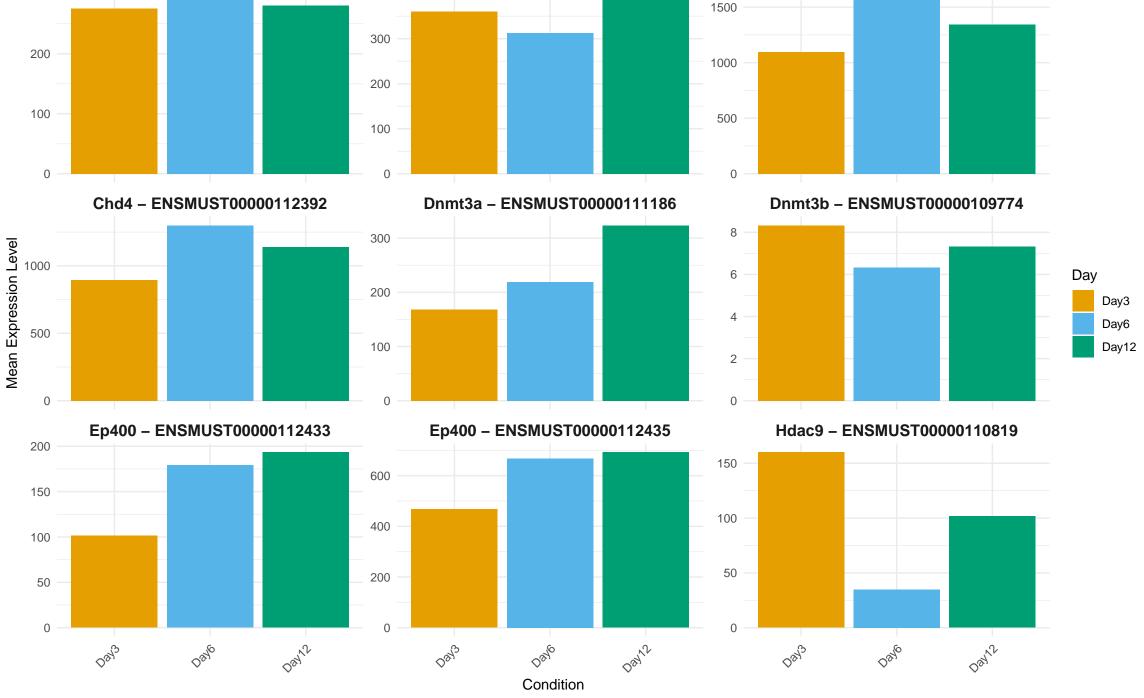
**Isoform Expression Across Conditions** Atrx - ENSMUST00000101305 Dido1 - ENSMUST00000103054 Dido1 - ENSMUST00000103055 Dido1 - ENSMUST00000103056 Dido1 - ENSMUST00000103057 Dnmt3b - ENSMUST00000103150 Mean Expression Level Day Day3 Day6 Day12 Dnmt3b - ENSMUST00000103151 Ehmt1 - ENSMUST00000102938 Hdac1 - ENSMUST00000102597 08% Condition

**Isoform Expression Across Conditions Bptf - ENSMUST00000106762 Bptf - ENSMUST00000106763** Eed - ENSMUST00000107234 Ezh1 - ENSMUST00000107284 Ezh1 - ENSMUST00000107285 Hdac2 - ENSMUST00000105510 Mean Expression Level Day Day3 Day6 Day12 Hdac5 - ENSMUST00000107150 Hdac5 - ENSMUST00000107151 Hdac5 - ENSMUST00000107152 08% 08/3 Condition

Isoform Expression Across Conditions Akap1 - ENSMUST00000107903 Akap1 - ENSMUST00000107904 Brd1 - ENSMUST00000109380 Brd1 - ENSMUST00000109381 Cbx5 - ENSMUST00000108813 Cdyl2 - ENSMUST00000109102 Mean Expression Level Day Day3 Day6 Day12 Chd3 - ENSMUST00000108661 Dpf1 - ENSMUST00000108230 Dpf1 - ENSMUST00000108231 08/3 08/6 Condition



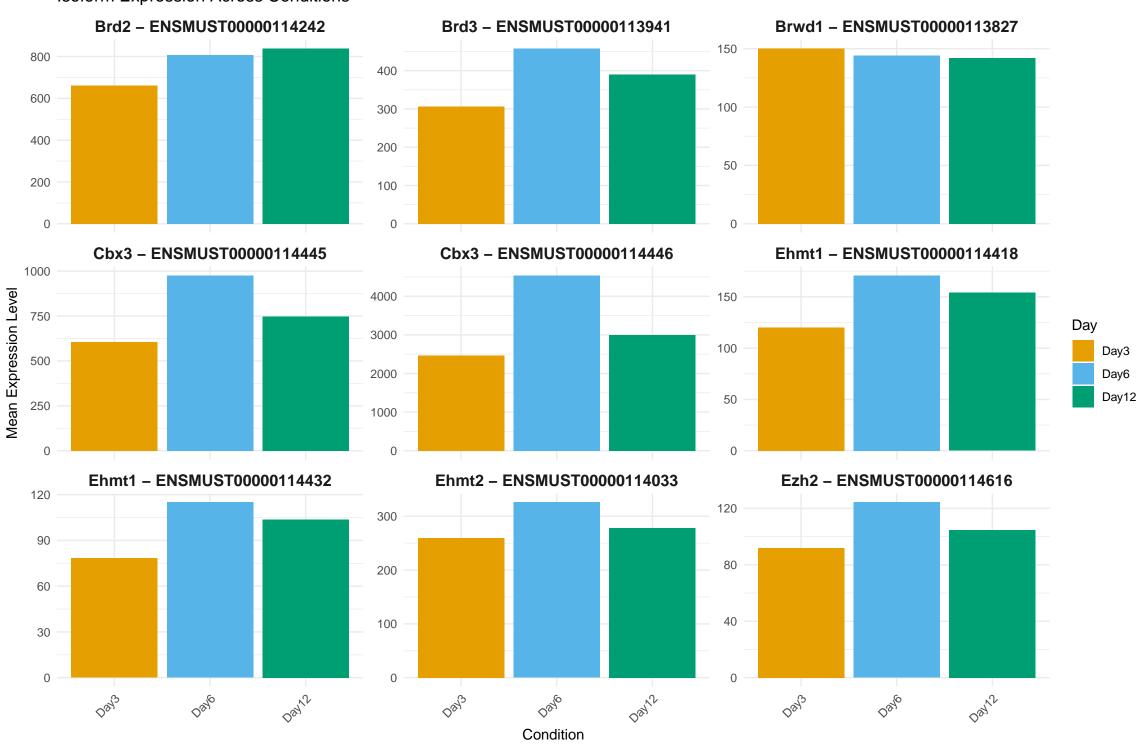
**Isoform Expression Across Conditions AsxI1 - ENSMUST00000109790** AsxI2 - ENSMUST00000111215 Chd4 - ENSMUST00000112390 Chd4 - ENSMUST00000112392 Dnmt3a - ENSMUST00000111186 Dnmt3b - ENSMUST00000109774 Day Day3 Day6 Day12 Ep400 - ENSMUST00000112433 Ep400 - ENSMUST00000112435 Hdac9 - ENSMUST00000110819 



**Isoform Expression Across Conditions** Atrx - ENSMUST00000113573 Baz2b - ENSMUST00000112550 **Brdt - ENSMUST00000112677** 1500 400 0.3 300 1000 0.2 200 500 0.1 100 0.0 0 0 Brpf1 - ENSMUST00000113117 Brpf1 - ENSMUST00000113119 Brpf1 - ENSMUST00000113121 100 150 75 75 Day 100 Day3 50 50 Day6 Day12 50 25 25 0 0 Brpf1 - ENSMUST00000113122 Cecr2 - ENSMUST00000112686 Ep400 - ENSMUST00000112436 600 150 90 400 100 60 200 50 30

Condition

Mean Expression Level



**Isoform Expression Across Conditions Brd8 - ENSMUST00000115765** Cbx5 - ENSMUST00000118152 Brd8 - ENSMUST00000115766 Dpf2 - ENSMUST00000118623 Ezh2 - ENSMUST00000114618 Hdac6 - ENSMUST00000115642 Day Day3 Day6 Day12 Hdac7 - ENSMUST00000116408 Hdac7 - ENSMUST00000116409 Hdac7 - ENSMUST00000118294 

Condition

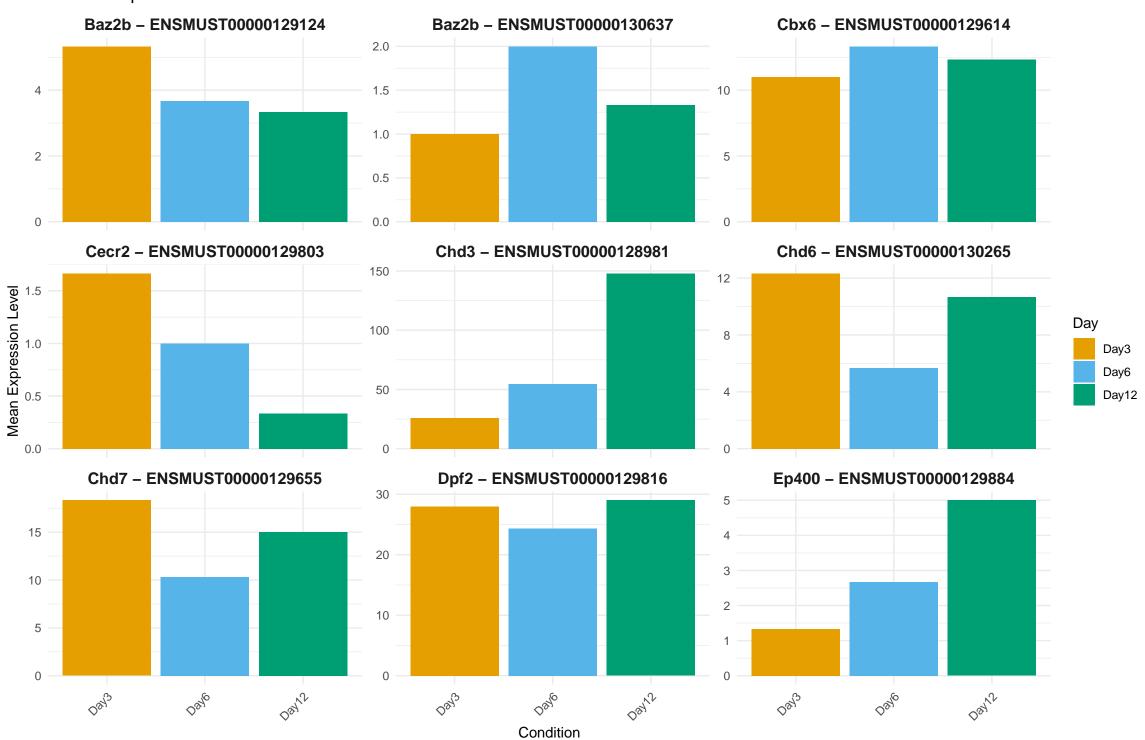
Mean Expression Level

**Isoform Expression Across Conditions** AsxI3 - ENSMUST00000120223 Bahcc1 - ENSMUST00000118987 Brd4 - ENSMUST00000120276 Brd4 - ENSMUST00000121285 G2e3 - ENSMUST00000119211 G2e3 - ENSMUST00000121521 Mean Expression Level Day Day3 Day6 Day12 Hdac7 - ENSMUST00000119670 Hdac7 - ENSMUST00000120683 Hdac7 - ENSMUST00000121514 08%

**Isoform Expression Across Conditions** AsxI1 - ENSMUST00000123215 Atrx - ENSMUST00000123174 Bahcc1 - ENSMUST00000122148 60 1.0 200 40 0.5 100 20 0.0 0 Cbx5 - ENSMUST00000122182 Chd3 - ENSMUST00000122992 Chd8 - ENSMUST00000122823 Mean Expression Level 300 3 Day Day3 200 2 Day6 Day12 100 0 Dpf2 - ENSMUST00000123029 Ep400 - ENSMUST00000122901 Hdac2 - ENSMUST00000123010 80 60 20 40 10 20 0 08% 08/3 Condition

**Isoform Expression Across Conditions** Alg13 - ENSMUST00000123710 **Brpf1 - ENSMUST00000124530** Cecr2 - ENSMUST00000124634 2.0 2.0 15 1.5 1.5 10 1.0 1.0 5 0.5 0.5 0.0 0.0 0 Chd4 - ENSMUST00000124317 Chd5 - ENSMUST00000124423 Ehmt2 - ENSMUST00000124002 150 30 Mean Expression Level Day 100 20 Day3 Day6 50 Day12 10 0 Ehmt2 - ENSMUST00000124846 Hdac5 - ENSMUST00000124077 Hdac5 - ENSMUST00000125072 500 3 15 400 2 10 300 200 1 5 100 0 0846

**Isoform Expression Across Conditions** Atrx - ENSMUST00000128968 **Brd4 - ENSMUST00000127893** Cbx5 - ENSMUST00000127191 400 150 60 300 100 40 200 50 20 100 0 0 Cbx6 - ENSMUST00000127721 Cbx8 - ENSMUST00000128019 Chd7 - ENSMUST00000127476 0.6 Mean Expression Level 20 Day 400 15 0.4 Day3 Day6 10 200 Day12 0.2 5 0.0 0 Ezh1 - ENSMUST00000128974 Hdac2 - ENSMUST00000128031 Hdac5 - ENSMUST00000128686 12 2 100 8 50 0 08% Condition



**Isoform Expression Across Conditions** Alg13 - ENSMUST00000132416 Atrx - ENSMUST00000130980 Brd3 - ENSMUST00000130932 30 15 40 20 10 20 5 10 0 0 Brd7 - ENSMUST00000131748 **Brpf1 - ENSMUST00000131594** Chd7 - ENSMUST00000130709 25 30 Mean Expression Level 6 20 Day 20 15 Day3 Day6 10 Day12 10 2 5 0 Dido1 - ENSMUST00000130986 Dnmt3b - ENSMUST00000132132 Hdac5 - ENSMUST00000131254 1.00 0.3 300 0.75 200 0.2 0.50 100 0.1 0.25 0 0.0 0.00 08% 08/3 09/6

Isoform Expression Across Conditions Atrx - ENSMUST00000133543 Bptf - ENSMUST00000133317 Chd4 - ENSMUST00000132794 6 7.5 5.0 6 2 2.5 3 0.0 Chd6 - ENSMUST00000134178 Dpf3 - ENSMUST00000133282 Ezh2 - ENSMUST00000133043 Mean Expression Level 7.5 10 Day 5.0 Day3 Day6 Day12 2.5 0.0 0 Hdac1 - ENSMUST00000132909 Hdac5 - ENSMUST00000133651 Hdac6 - ENSMUST00000133349 3 400 2 200 0 0843 Condition

Isoform Expression Across Conditions Atrx - ENSMUST00000134381 Baz2b - ENSMUST00000134908 Atrx - ENSMUST00000134507 60 20 90 15 40 60 10 20 30 5 0 0 0 Brwd3 - ENSMUST00000134434 Cbx1 - ENSMUST00000134585 Chd8 - ENSMUST00000134329 25 20 1000 Mean Expression Level 15 Day 750 Day3 10 500 Day6 Day12 5 250 0 Ehmt1 - ENSMUST00000134775 Ezh1 - ENSMUST00000134622 Hdac7 - ENSMUST00000134258 6 3 1.5 4 - 1.0 2 0.5

Condition

0.0

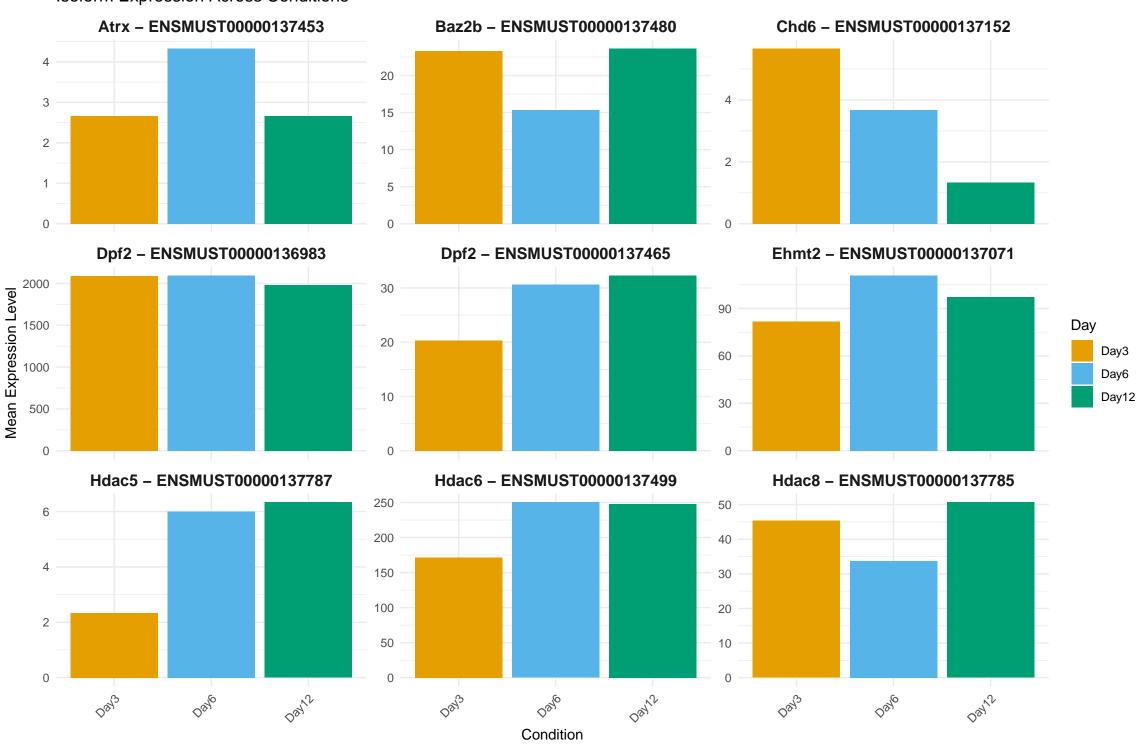
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**Isoform Expression Across Conditions** Baz1b - ENSMUST00000136947 Baz2b - ENSMUST00000135722 Brd7 - ENSMUST00000135471 20 40 15 1.0 30 10 20 0.5 5 10 0.0 0 0 Brpf3 - ENSMUST00000136233 Cecr2 - ENSMUST00000135109 Chd3 - ENSMUST00000135909 400 1.00 3 300 0.75 Day 2 Day3 200 0.50 Day6 Day12 100 0.25 0.00 Chd5 - ENSMUST00000136134 Hdac5 - ENSMUST00000136304 Hdac7 - ENSMUST00000135651 1.00 20 1.0 0.75 15 0.50 10 0.5 0.25 5 0.00 0.0

Condition

Mean Expression Level

08/3



**Isoform Expression Across Conditions** AsxI1 - ENSMUST00000138571 Baz2b - ENSMUST00000138089 Bptf - ENSMUST00000138443 30 1.0 20 20 0.5 10 10 0.0 0 Brd3 - ENSMUST00000138693 Brpf1 - ENSMUST00000138737 Chd6 - ENSMUST00000137831 20 Mean Expression Level 75 Day 3 15 Day3 50 10 Day6 Day12 25 5 0 0 Chd6 - ENSMUST00000138078 Dpf1 - ENSMUST00000137848 Ehmt2 - ENSMUST00000138500 1.00 200 0.75 1.0 150 0.50 100 0.5 0.25 50 0 0.00 0.0 08% 08/3 Condition

Isoform Expression Across Conditions AsxI2 - ENSMUST00000138740 Atrx - ENSMUST00000138765 Brd1 - ENSMUST00000139515 30 1.5 20 1.0 10 0.5 0.0 0 Dpf1 - ENSMUST00000138993 Chd4 - ENSMUST00000138968 Ehmt1 - ENSMUST00000138805 Mean Expression Level 20 40 Day 15 Day3 10 Day6 20 Day12 2 5 Ehmt1 - ENSMUST00000139000 Ezh1 - ENSMUST00000138835 Hdac1 - ENSMUST00000139305 1.00 20 60 0.75 15 40 0.50 10 20 0.25 5 0 0.00 Condition

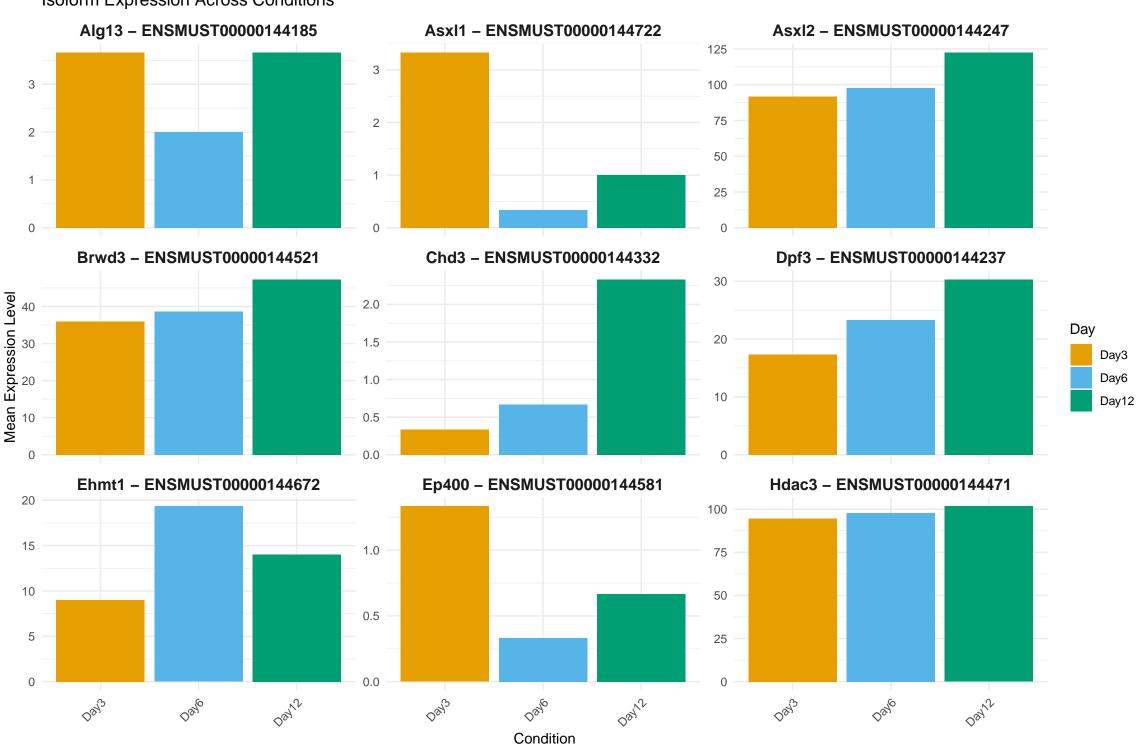
**Isoform Expression Across Conditions** AsxI2 - ENSMUST00000140046 **Brd7 - ENSMUST00000139675** Brpf3 - ENSMUST00000140587 20 1.0 15 10 0.5 5 2 0.0 0 Brpf3 - ENSMUST00000140973 Cbx1 - ENSMUST00000141257 Cbx2 - ENSMUST00000139746 5 30 Mean Expression Level 20 4 Day 15 20 3 Day3 Day6 10 2 Day12 10 5 0 Dpf3 - ENSMUST00000140327 Hdac5 - ENSMUST00000140481 Hdac5 - ENSMUST00000140962 30 250 0.6 200 20 150 0.4 100 10 0.2 50 0 0.0 08/3

**Isoform Expression Across Conditions** Atrx - ENSMUST00000141609 Atrx - ENSMUST00000142235 Bahcc1 - ENSMUST00000142439 5 3 2 2 Baz1b - ENSMUST00000142307 Brd2 - ENSMUST00000142570 Cbx3 - ENSMUST00000141711 8 40 5 30 Day 3 Day3 4 20 Day6 2 Day12 2 10 Dpf1 - ENSMUST00000142958 Ep400 - ENSMUST00000141986 Hdac1 - ENSMUST00000142984 1.00 0.6 6 0.75 0.4 0.50 0.2 2 0.25 0.00 0.0 Oals 08%

Condition

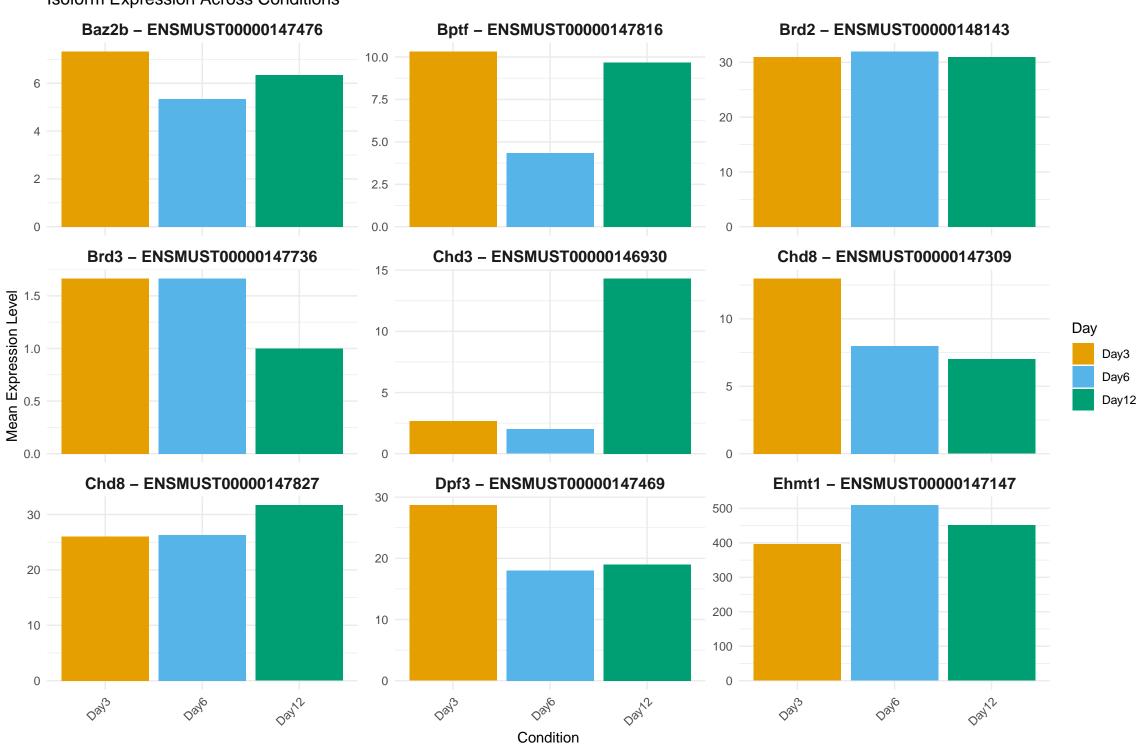
Mean Expression Level

**Isoform Expression Across Conditions** Akap1 - ENSMUST00000143720 Atrx - ENSMUST00000143361 Bahcc1 - ENSMUST00000143667 10.0 15 150 7.5 10 100 5.0 5 50 2.5 0.0 0 0 **Brpf3 - ENSMUST00000144022** Cbx8 - ENSMUST00000143831 Cecr2 - ENSMUST00000143563 Mean Expression Level 1.5 2.0 1.0 Day 1.5 1.0 Day3 Day6 1.0 0.5 Day12 0.5 0.5 0.0 0.0 0.0 Chd6 - ENSMUST00000143081 Dpf2 - ENSMUST00000142995 Hdac3 - ENSMUST00000143660 60 200 150 2 40 100 1 -20 50 0 0846 0843



**Isoform Expression Across Conditions** Baz2b - ENSMUST00000144893 Brd7 - ENSMUST00000145609 Brd8 - ENSMUST00000145431 150 3 100 2 50 2 0 Cbx4 - ENSMUST00000145058 Chd8 - ENSMUST00000145404 Ehmt2 - ENSMUST00000145201 2.0 Mean Expression Level 6 1.5 Day 3 Day3 1.0 Day6 2 Day12 2 0.5 0.0 0 Ehmt2 - ENSMUST00000145624 G2e3 - ENSMUST00000144767 Hdac5 - ENSMUST00000145540 0.6 15 0.4 10 2 0.2 0.0 08/3

**Isoform Expression Across Conditions** Alg13 - ENSMUST00000145724 Atrx - ENSMUST00000146193 Brd7 - ENSMUST00000146370 2.0 4 1.5 3 1.0 2 0.5 0.0 Ep400 - ENSMUST00000146458 Ehmt2 - ENSMUST00000146418 Ep400 - ENSMUST00000146652 Mean Expression Level 2.0 200 Day 1.5 Day3 Day6 1.0 100 10 Day12 0.5 0.0 0 Ezh1 - ENSMUST00000146884 Hdac1 - ENSMUST00000145628 Hdac6 - ENSMUST00000145675 30 1.5 20 20 1.0 10 10 0.5 0.0 0846



**Isoform Expression Across Conditions** Alg13 - ENSMUST00000149330 Alg13 - ENSMUST00000149427 Alg13 - ENSMUST00000149811 20 2.0 15 15 1.5 10 10 1.0 5 5 0.5 0.0 0 **Bptf - ENSMUST00000149486** Cbx6 - ENSMUST00000148358 Cecr2 - ENSMUST00000148346 20 Mean Expression Level 9 Day 15 Day3 6 10 Day6 Day12 3 5 Chd8 - ENSMUST00000149694 Hdac5 - ENSMUST00000149087 Hdac8 - ENSMUST00000148481 1.00 40 75 0.75 30 50 0.50 20 25 0.25 10 0.00 08% 0843 08/6

**Isoform Expression Across Conditions** Brd1 - ENSMUST00000150004 Brwd3 - ENSMUST00000150434 Brd7 - ENSMUST00000149841 1.5 3 300 1.0 2 200 0.5 100 0.0 0 0 Chd6 - ENSMUST00000149866 Chd8 - ENSMUST00000149975 Ehmt1 - ENSMUST00000150379 100 Mean Expression Level 30 75 Day 3 Day3 20 50 Day6 2 Day12 10 25 0 0 0 Hdac1 - ENSMUST00000150105 Hdac5 - ENSMUST00000150683 Ehmt1 - ENSMUST00000150836 2000 1.5 2.0 1500 1.5 1.0 1000 1.0 0.5 500 0.5 0.0 0.0 0846

**Isoform Expression Across Conditions** Atrx - ENSMUST00000150914 Bahd1 - ENSMUST00000151162 Baz2b - ENSMUST00000151756 1.5 75 15 1.0 50 10 0.5 25 5 0.0 0 0 Brd2 - ENSMUST00000151986 Chd3 - ENSMUST00000151436 Ezh1 - ENSMUST00000151291 Mean Expression Level 3 1.0 Day Day3 Day6 0.5 Day12 0.0 0 Hdac5 - ENSMUST00000150965 Hdac6 - ENSMUST00000151916 Hdac7 - ENSMUST00000151334 0.050 60 0.025 100 40 0.000 50 20 -0.025

09%

Condition

-0.050

0

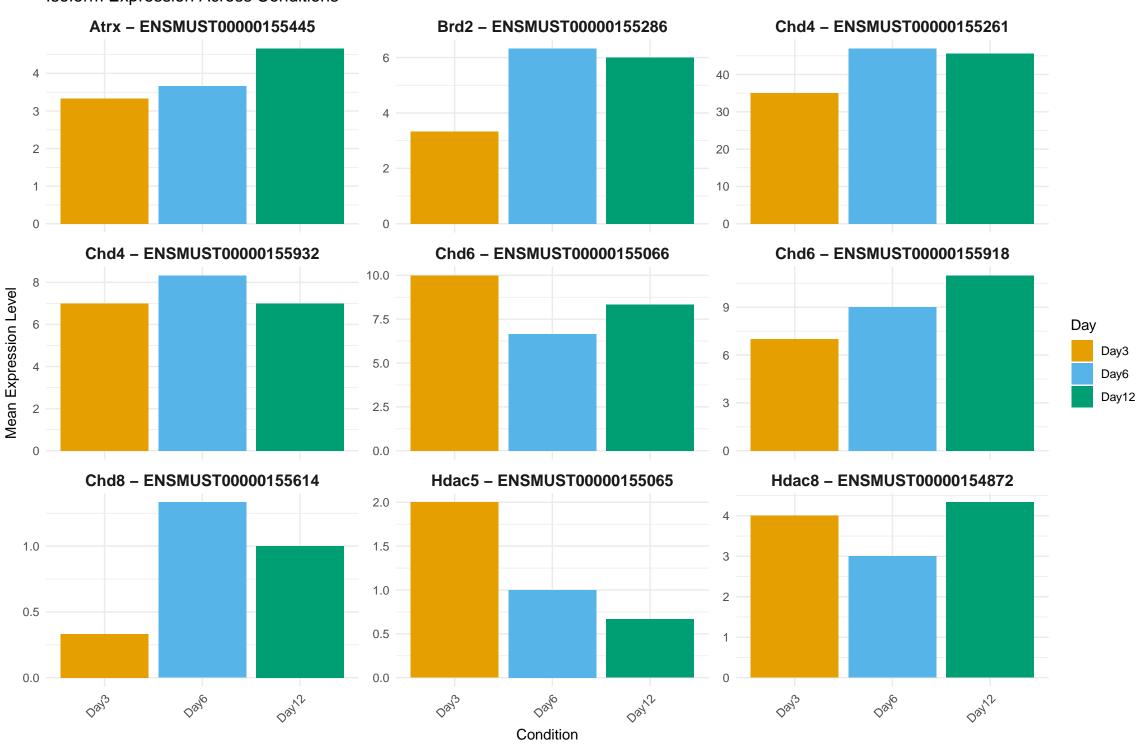
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**Isoform Expression Across Conditions** AsxI2 - ENSMUST00000152196 **AsxI2 - ENSMUST00000153102** Baz2b - ENSMUST00000152639 12 150 200 8 100 100 50 0 Baz2b - ENSMUST00000153136 **Brd8 - ENSMUST00000152612** Ehmt1 - ENSMUST00000152161 100 Mean Expression Level 200 75 Day 10 Day3 50 Day6 100 5 Day12 25 0 Ehmt1 - ENSMUST00000152325 Ehmt1 - ENSMUST00000152636 G2e3 - ENSMUST00000152236 4 2.0 1.5 1.0 0.5 0.0 08% 08/3 Condition

Isoform Expression Across Conditions Akap1 - ENSMUST00000153787 Akap1 - ENSMUST00000153961 AsxI3 - ENSMUST00000153836 3 3 7.5 2 5.0 1 2.5 0 0.0 0 Baz2b - ENSMUST00000153711 Brd8 - ENSMUST00000153569 Cbx3 - ENSMUST00000153699 150 40 Mean Expression Level 30 Day 100 Day3 20 Day6 50 Day12 10 Hdac3 - ENSMUST00000153945 Hdac6 - ENSMUST00000153788 Hdac8 - ENSMUST00000154024 1.5 20 1.0 10 0.5 0.0

0846

Isoform Expression Across Conditions Alg13 - ENSMUST00000154827 Atrx - ENSMUST00000154866 Brd2 - ENSMUST00000154232 6 750 40 500 20 2 250 0 0 Dpf1 - ENSMUST00000154222 Brd3 - ENSMUST00000154316 Dpf2 - ENSMUST00000154365 Mean Expression Level 6 100 Day Day3 Day6 50 Day12 2 0 Ezh1 - ENSMUST00000154211 Hdac6 - ENSMUST00000154200 Hdac6 - ENSMUST00000154244 1.00 60 0.75 40 0.50 2 20 0.25 0 0.00 081/6



**Isoform Expression Across Conditions** Brd1 - ENSMUST00000156155 Brpf3 - ENSMUST00000156029 Cbx3 - ENSMUST00000156463 1.00 30 300 0.75 20 200 0.50 10 100 0.25 0.00 0 Dpf2 - ENSMUST00000155937 Eed - ENSMUST00000157001 Hdac5 - ENSMUST00000156337 5 Day 3 Day3 2 Day6 2 2 Day12 Hdac6 - ENSMUST00000156127 Hdgf - ENSMUST00000159492 Hdac7 - ENSMUST00000156045 30 1.0 20 20 0.5 10 10 0.0

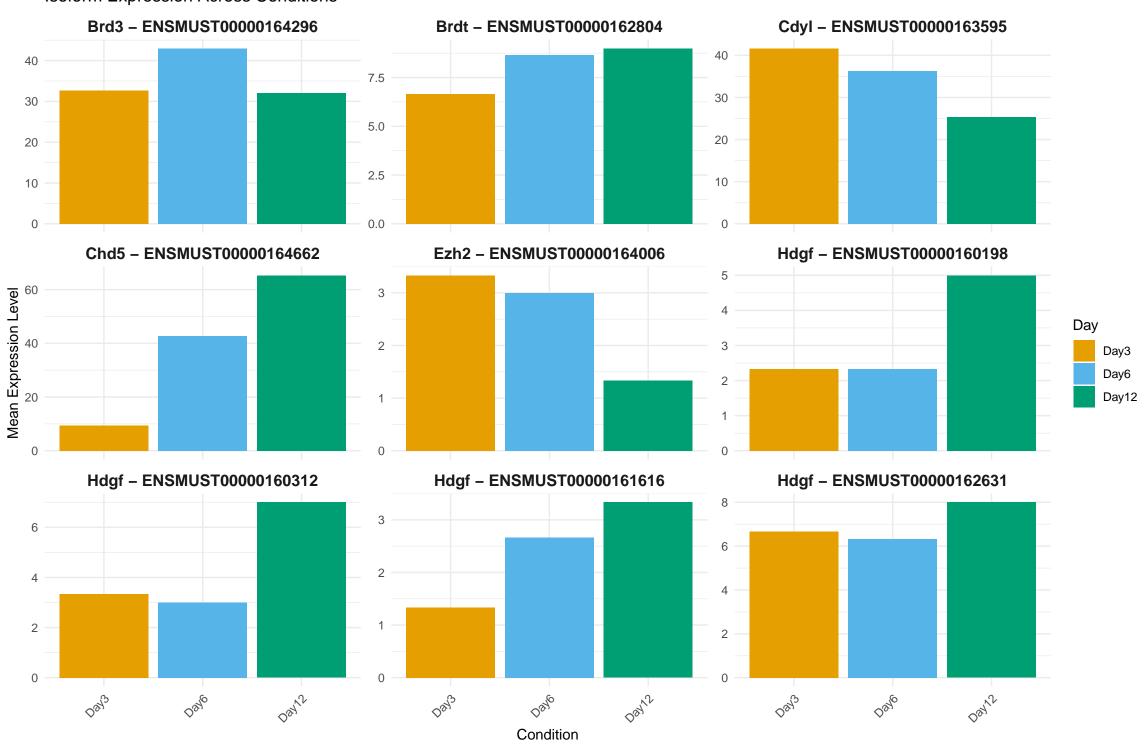
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Condition

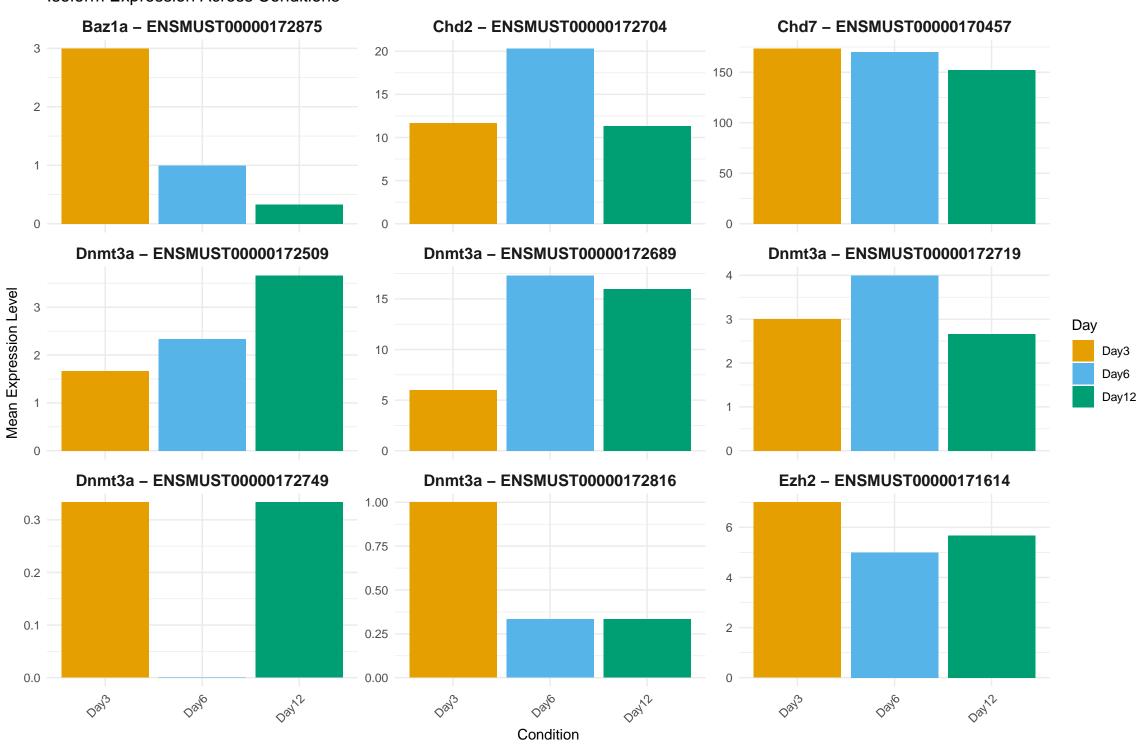
Mean Expression Level

08/3

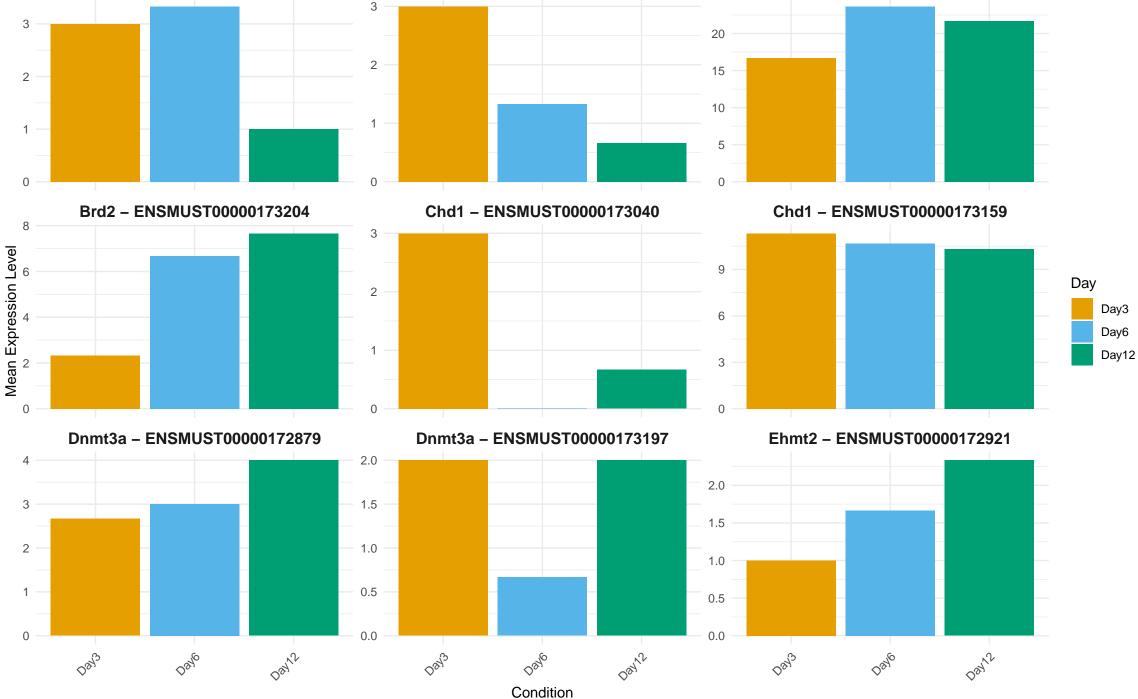
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**Isoform Expression Across Conditions** Baz2a - ENSMUST00000170054 Chd7 - ENSMUST00000170391 Chd2 - ENSMUST00000169922 125 300 400 100 300 200 75 200 50 100 100 25 0 0 Cxxc4 - ENSMUST00000166288 Ezh2 - ENSMUST00000165492 Ezh2 - ENSMUST00000167278 20 Mean Expression Level 2 Day 15 Day3 10 Day6 5 Day12 5 0 Ezh2 - ENSMUST00000169889 Ezh2 - ENSMUST00000170311 Ezh2 - ENSMUST00000170327 2.0 4 1.5 3 1.0 2 2 0.5 1 0 0.0 08% 08/3



Isoform Expression Across Conditions Baz1a - ENSMUST00000173176 Baz1a - ENSMUST00000173177 Brd2 - ENSMUST00000173032 



**Isoform Expression Across Conditions** Baz1a - ENSMUST00000173433 Baz1a - ENSMUST00000173453 Baz1a - ENSMUST00000174225 100 0.3 0.3 75 0.2 0.2 50 0.1 0.1 25 0.0 0.0 0 Chd1 - ENSMUST00000173311 Chd1 - ENSMUST00000174461 Chd2 - ENSMUST00000173785 30 2.0 10 Day 20 1.5 Day3 Day6 1.0 5 10 Day12 0.5 0.0 0 Dnmt3a - ENSMUST00000173700 Dnmt3a - ENSMUST00000174102 Dnmt3a - ENSMUST00000174272 2.0 0.6 1.5 3 0.4 1.0 2 0.2 0.5 1 0 0.0 0.0

Condition

Mean Expression Level

08/3

**Isoform Expression Across Conditions** Baz1b - ENSMUST00000176793 Cbx7 - ENSMUST00000176639 Cbx7 - ENSMUST00000177044 0.3 15 40 30 0.2 10 20 5 0.1 10 0.0 0 Dnmt3a - ENSMUST00000174483 Dnmt1 - ENSMUST00000177754 Dnmt3a - ENSMUST00000174774 20 1.00 Mean Expression Level 15 0.75 Day 100 Day3 10 0.50 Day6 50 Day12 5 0.25 0.00 0 Dnmt3a - ENSMUST00000174817 Dpf3 - ENSMUST00000177801 Dpf3 - ENSMUST00000177959 60 150 7.5 40 100 5.0 20 50 2.5 0 0.0 0846 08/3

Isoform Expression Across Conditions Brd2 - ENSMUST00000179687 Chd2 - ENSMUST00000181971 Brd2 - ENSMUST00000179722 1.00 0.75 1.0 0.50 0.5 2 0.25 0.0 0.00 0 Cxxc4 - ENSMUST00000181597 Cxxc4 - ENSMUST00000181904 Dnmt1 - ENSMUST00000178110 150 150 15 Day 100 100 10 Day3 Day6 50 50 Day12 5 Dpf3 - ENSMUST00000178756 Hdac4 - ENSMUST00000185341 Hdac4 - ENSMUST00000185267 4 6 40 3 4 2 20 2 0

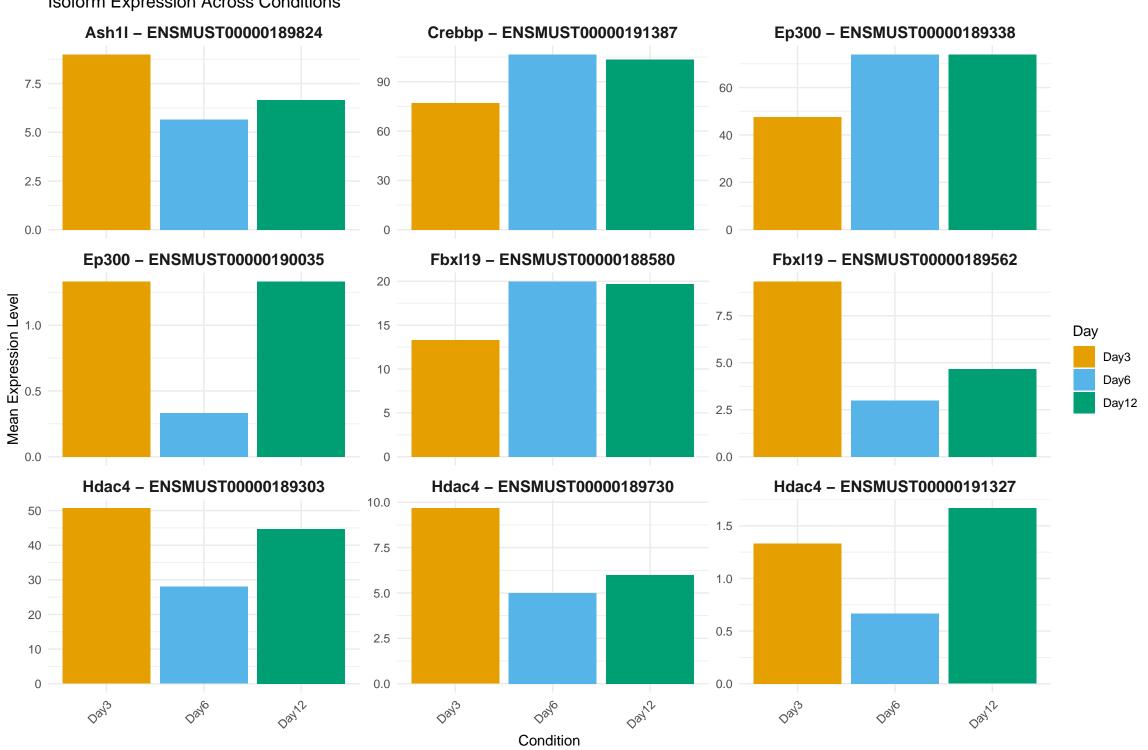
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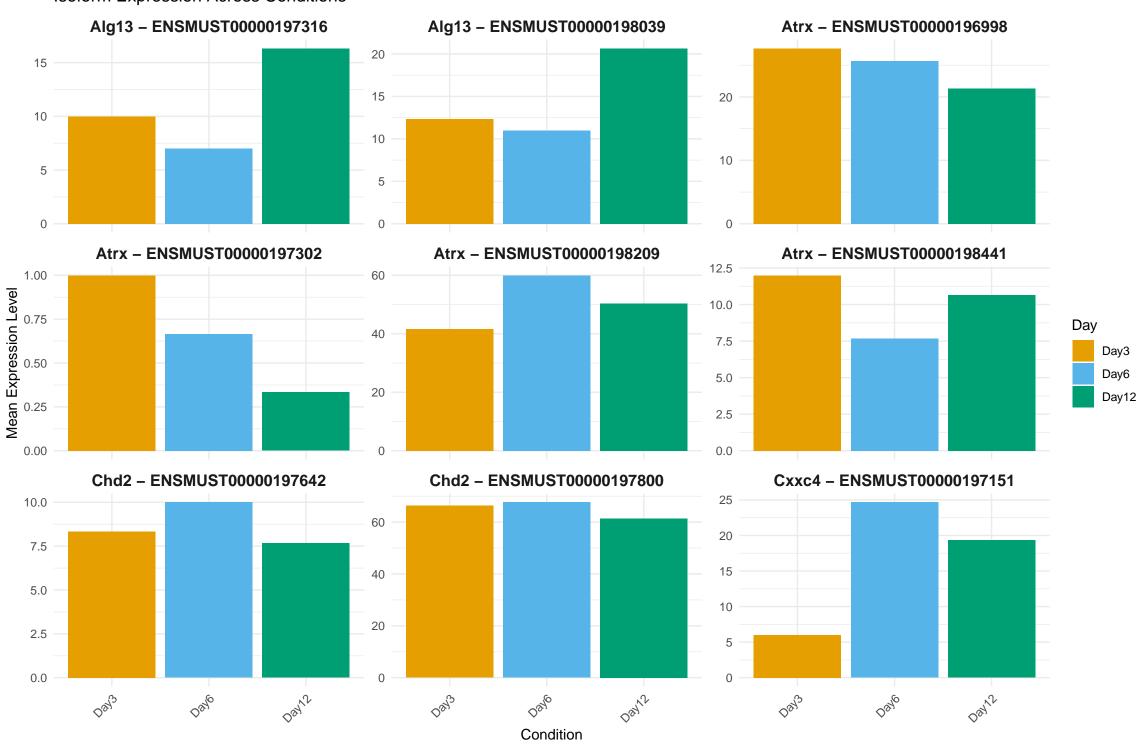
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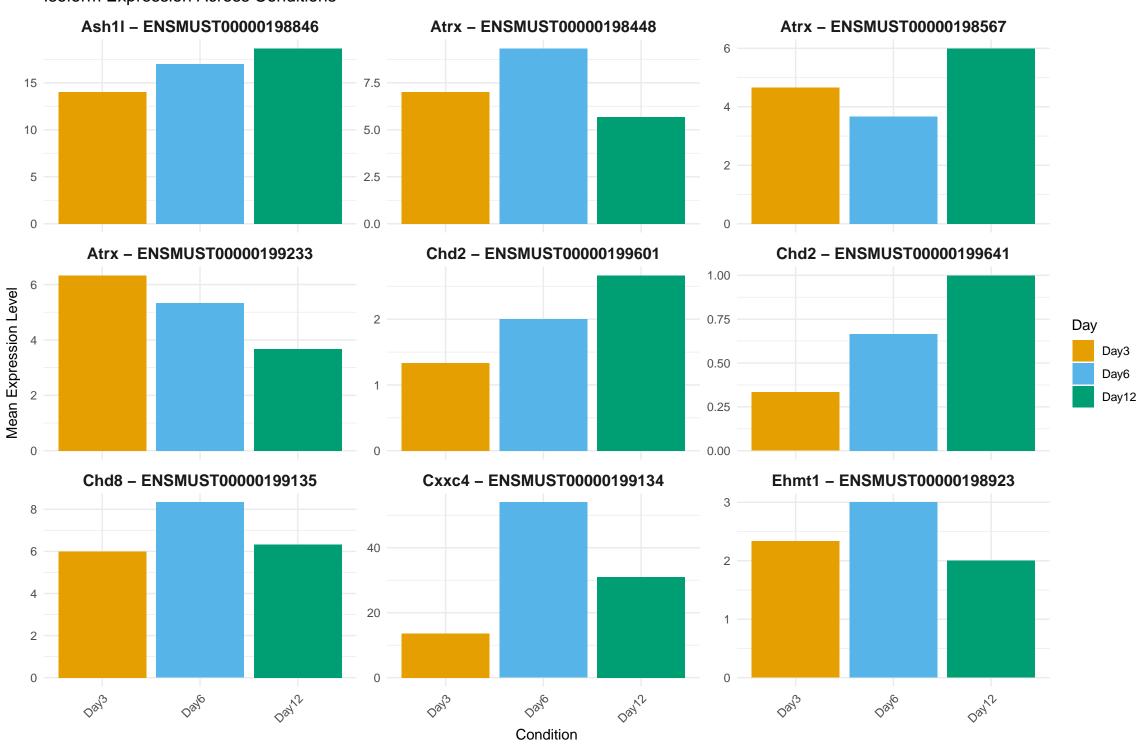
**Isoform Expression Across Conditions** Ash1I - ENSMUST00000186583 Ep300 - ENSMUST00000185375 Ep300 - ENSMUST00000185967 Ep300 - ENSMUST00000187776 Fbxl19 - ENSMUST00000186116 Fbxl19 - ENSMUST00000186207 Day Day3 Day6 Day12 Hdac4 - ENSMUST00000186002 Hdac4 - ENSMUST00000187308 Hdac4 - ENSMUST00000187622 08/3

Condition

Mean Expression Level



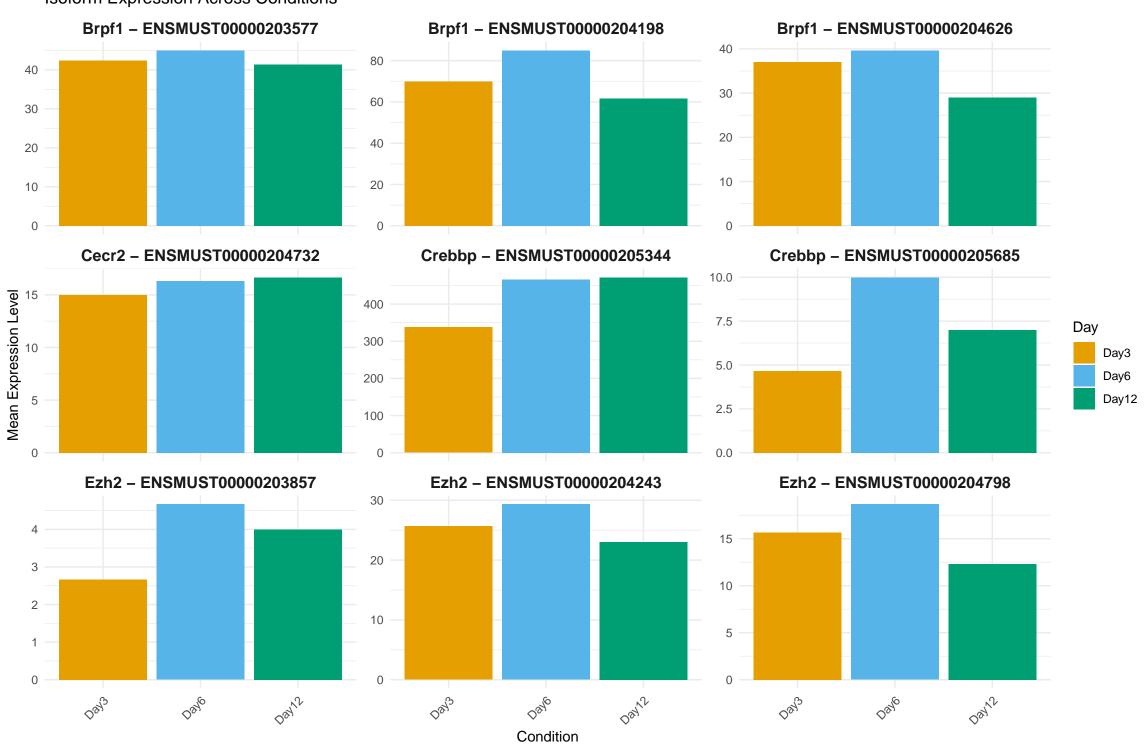




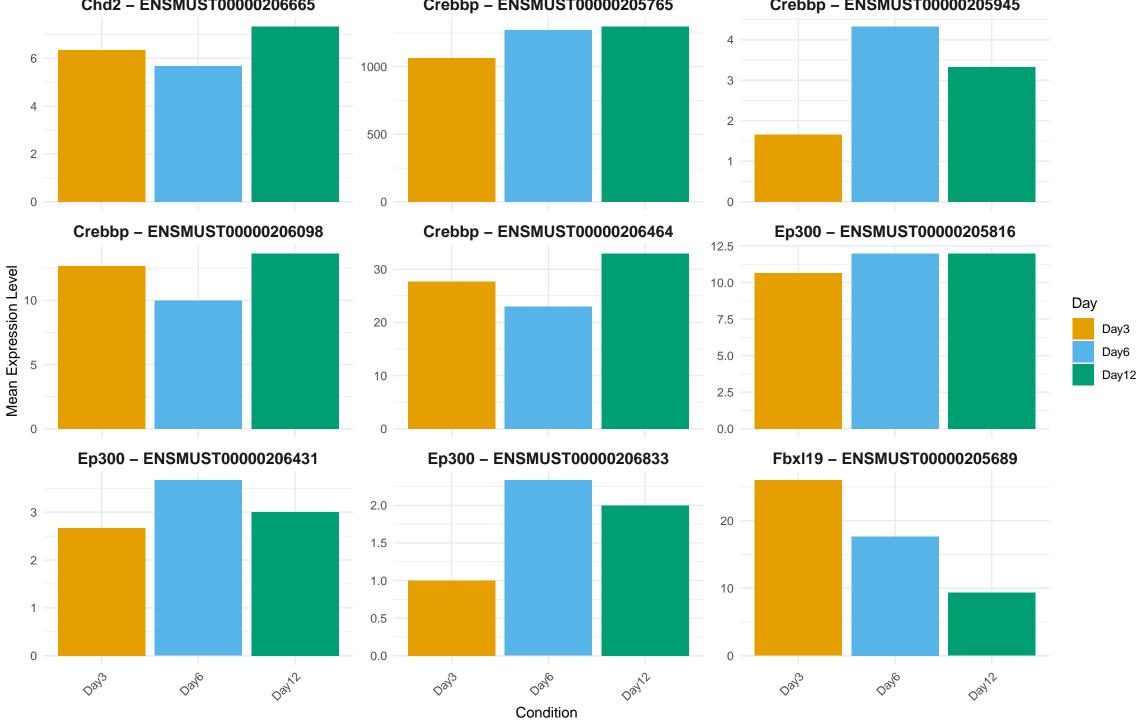
**Isoform Expression Across Conditions** Atrx - ENSMUST00000200471 Baz1b - ENSMUST00000201894 Cbx3 - ENSMUST00000203404 40 3 30 40 2 20 20 10 0 Chd2 - ENSMUST00000199809 Chd2 - ENSMUST00000199831 Chd2 - ENSMUST00000200218 120 10 90 1.0 Day Day3 60 Day6 5 0.5 Day12 30 0.0 0 Chd2 - ENSMUST00000200492 Chd8 - ENSMUST00000200169 Ehmt1 - ENSMUST00000200655 20 400 15 3 10 2 200 5 0 08/3

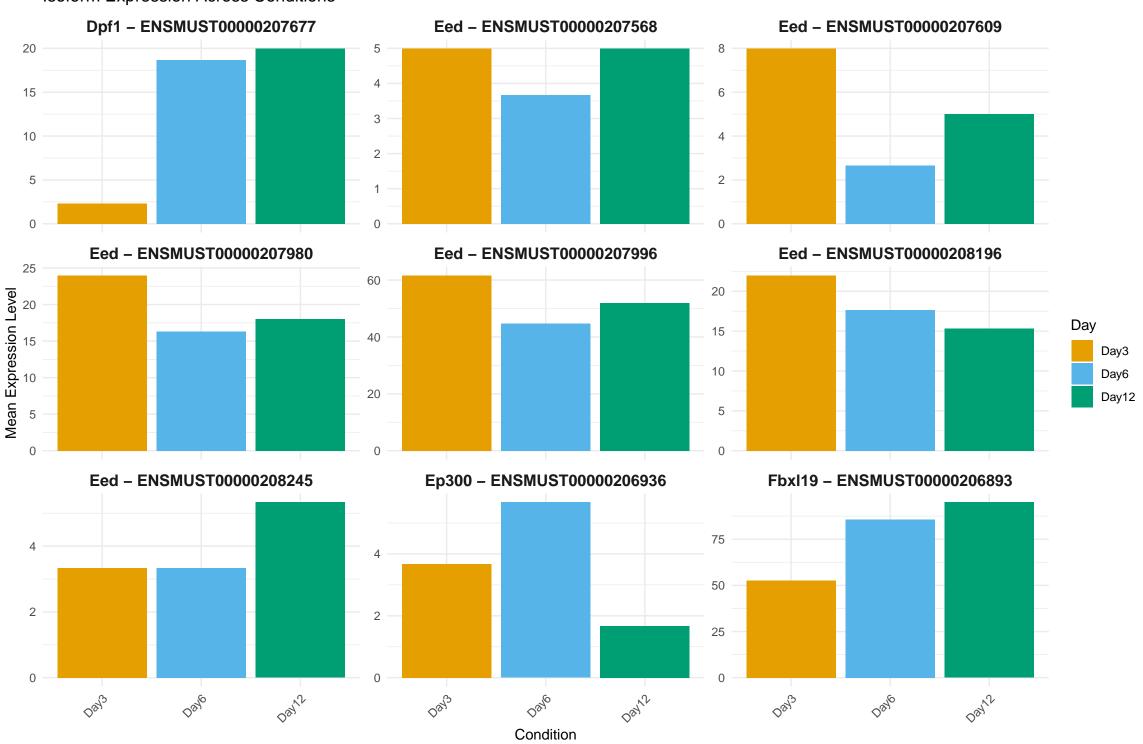
Condition

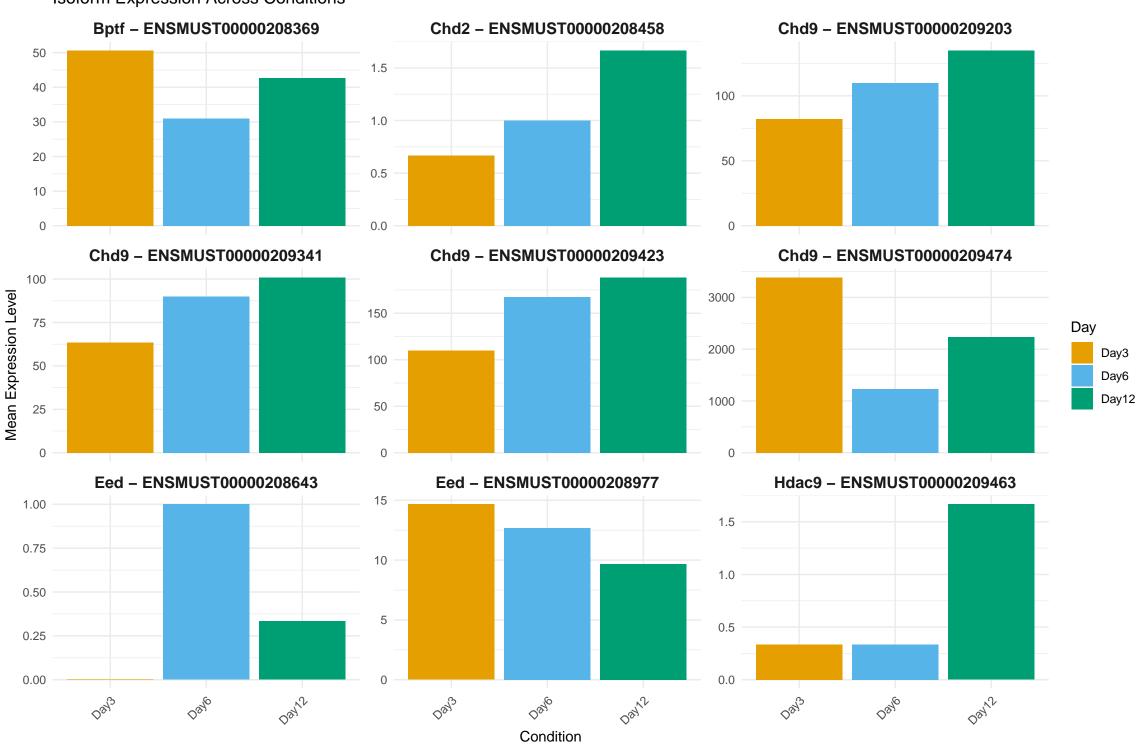
Mean Expression Level

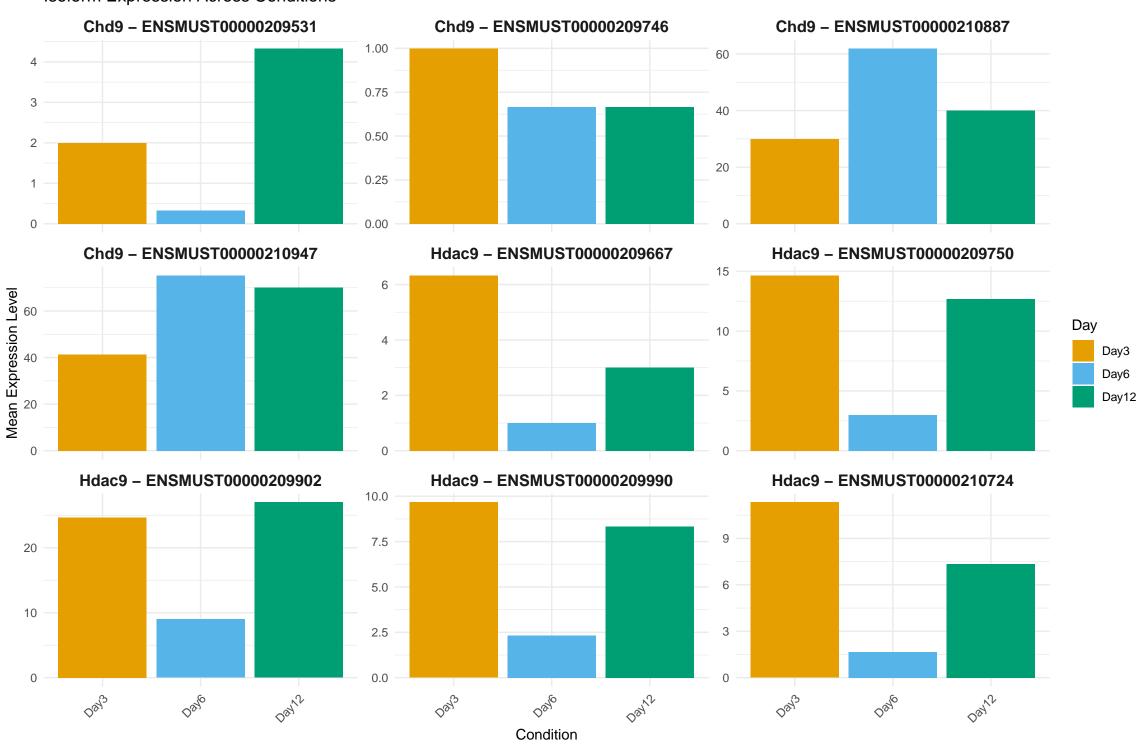


**Isoform Expression Across Conditions** Chd2 - ENSMUST00000206665 **Crebbp - ENSMUST00000205765** Crebbp - ENSMUST00000205945 6 1000 3 4

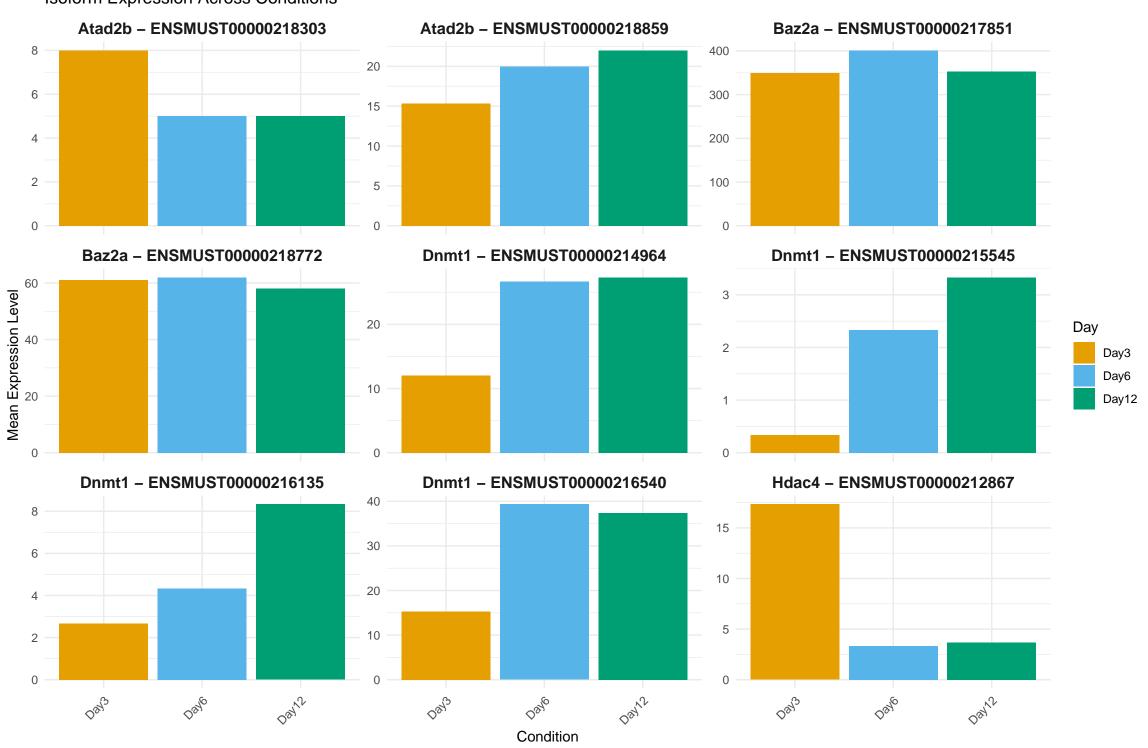




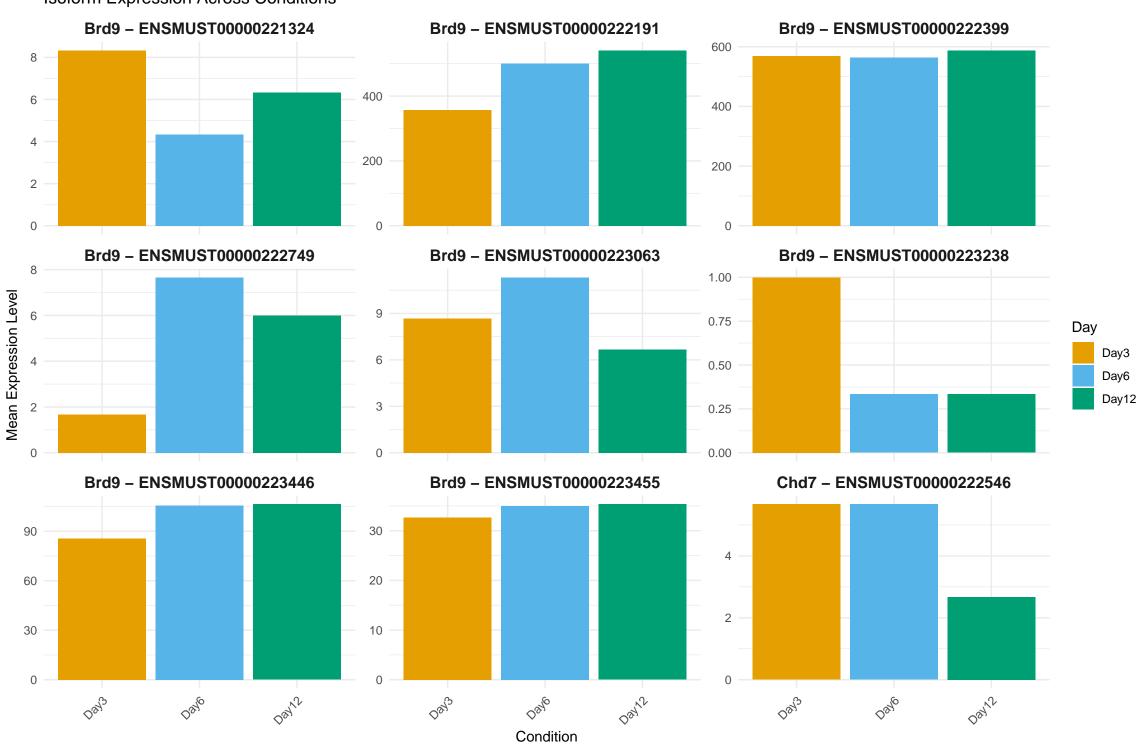




**Isoform Expression Across Conditions** Chd9 - ENSMUST00000211034 Chd9 - ENSMUST00000211215 Chd9 - ENSMUST00000211403 20 2 0 Chd9 - ENSMUST00000211552 Chd9 - ENSMUST00000211795 Hdac4 - ENSMUST00000212408 40 Mean Expression Level 2.0 6 30 Day 1.5 Day3 20 Day6 1.0 Day12 2 10 0.5 0.0 Hdac9 - ENSMUST00000211632 Hdac9 - ENSMUST00000211752 Hdac9 - ENSMUST00000211107 20 10.0 15 7.5 10 5.0 2 2.5 5 0.0 Osys Condition



**Isoform Expression Across Conditions** AsxI2 - ENSMUST00000219208 Atad2b - ENSMUST00000219187 Atad2b - ENSMUST00000220408 40 200 60 30 150 40 20 100 20 10 50 0 Baz2a - ENSMUST00000219072 Baz2a - ENSMUST00000219082 Baz2a - ENSMUST00000219980 150 Mean Expression Level 15 100 Day 100 Day3 10 Day6 50 50 Day12 5 0 Baz2a - ENSMUST00000220049 Brd9 - ENSMUST00000220488 Brd9 - ENSMUST00000220968 2.0 400 200 1.5 300 1.0 200 100 0.5 100 0 0.0 08% 08/3



**Isoform Expression Across Conditions** Atad2 - ENSMUST00000226507 Atad2 - ENSMUST00000226526 Atad2 - ENSMUST00000226582 1.00 0.3 0.75 2 0.2 0.50 0.1 0.25 0.00 0.0 Brd9 - ENSMUST00000223525 Atad2 - ENSMUST00000226649 Cdyl - ENSMUST00000225602 8 Mean Expression Level 2.0 Day 1.5 Day3 Day6 1.0 2 Day12 2 0.5 0.0 0 Cdyl - ENSMUST00000226071 Chd8 - ENSMUST00000226307 Chd8 - ENSMUST00000226625 8 3 0.3 0.2 4 0.1 2 0.0 08/3 08/3

**Isoform Expression Across Conditions** AsxI1 - ENSMUST00000227428 Atad2 - ENSMUST00000227134 Atad2 - ENSMUST00000227171 300 15 40 200 10 20 100 5 0 0 Atad2 - ENSMUST00000228783 Brd4 - ENSMUST00000229020 Brd4 - ENSMUST00000230565 0.6 Mean Expression Level 3 Day 3 0.4 Day3 Day6 2 Day12 0.2 0.0 0 Cbx6 - ENSMUST00000230681 Chd8 - ENSMUST00000226681 Hdac7 - ENSMUST00000228466 100 30 300 75 20 200 50 10 100 25 0 08/3 08/6 Condition

Isoform Expression Across Conditions Brd4 - ENSMUST00000230858 Brd4 - ENSMUST00000230982 **Brpf3 - ENSMUST00000232705** 10 3 3 2 2 5 0 0 Brpf3 - ENSMUST00000232997 Brwd1 - ENSMUST00000232694 Brwd1 - ENSMUST00000232755 250 40 200 20 Day 30 150 Day3 20 Day6 100 10 Day12 10 50 0 Brwd1 - ENSMUST00000232801 Brwd1 - ENSMUST00000232993 Brwd1 - ENSMUST00000233074 1.00 25 20 20 0.75 15 15 0.50 10 10 0.25 5 5 0.00

Condition

Mean Expression Level

08/3

Isoform Expression Across Conditions **Brpf3 - ENSMUST00000233088 Brpf3 - ENSMUST00000233182** Brpf3 - ENSMUST00000233561 12 2.0 30 9 1.5 20 6 1.0 10 0.5 3 0.0 0 **Brpf3 - ENSMUST00000233646** Brpf3 - ENSMUST00000233701 Brwd1 - ENSMUST00000233084 12.5 15 10.0 Day 7.5 10 3 Day3 Day6 5.0 2 Day12 5 2.5 0.0 Brwd1 - ENSMUST00000233270 Brwd1 - ENSMUST00000233610 Brwd1 - ENSMUST00000233699 8 3 20 6 15 2 10 2 5

Condition

Mean Expression Level

08/3

08/6

Isoform Expression Across Conditions Brd2 - ENSMUST00000235313 Brd2 - ENSMUST00000235347 Brpf3 - ENSMUST00000233709 12.5 30 10.0 2 20 7.5 5.0 10 2.5 0.0 0 0 Brwd1 - ENSMUST00000233883 Brwd1 - ENSMUST00000233976 Cxxc5 - ENSMUST00000235161 1.00 15 Mean Expression Level 0.75 Day 10 Day3 0.50 Day6 5 Day12 0.25 0.00 Cxxc5 - ENSMUST00000235169 Cxxc5 - ENSMUST00000235337 Cxxc5 - ENSMUST00000235404 2.0 3 2 1.5 2 1.0 0.5

Condition

0.0

0

Isoform Expression Across Conditions Brd2 - ENSMUST00000236090 Brd2 - ENSMUST00000236781 Brd4 - ENSMUST00000235598 Brd4 - ENSMUST00000237008 Cxxc1 - ENSMUST00000236663 Cxxc1 - ENSMUST00000236679 Mean Expression Level Day Day3 Day6 Day12 Dpf2 - ENSMUST00000236970 Hdac3 - ENSMUST00000235700 Hdac3 - ENSMUST00000236756 Condition

**Isoform Expression Across Conditions** Baz2a - ENSMUST00000238829 Brd2 - ENSMUST00000237872 Brd2 - ENSMUST00000237345 400 1.5 300 3 1.0 200 0.5 100 0.0 0 Brd4 - ENSMUST00000237692 Chd3 - ENSMUST00000238797 Cxxc1 - ENSMUST00000238037 10.0 150 7.5 Day Day3 100 5.0 Day6 Day12 50 2.5 0.0 0 Cxxc1 - ENSMUST00000238176 Cxxc5 - ENSMUST00000237291 Eed - ENSMUST00000238792 150 30 100 20 2 50 10 1 0

Condition

Mean Expression Level

08/3

