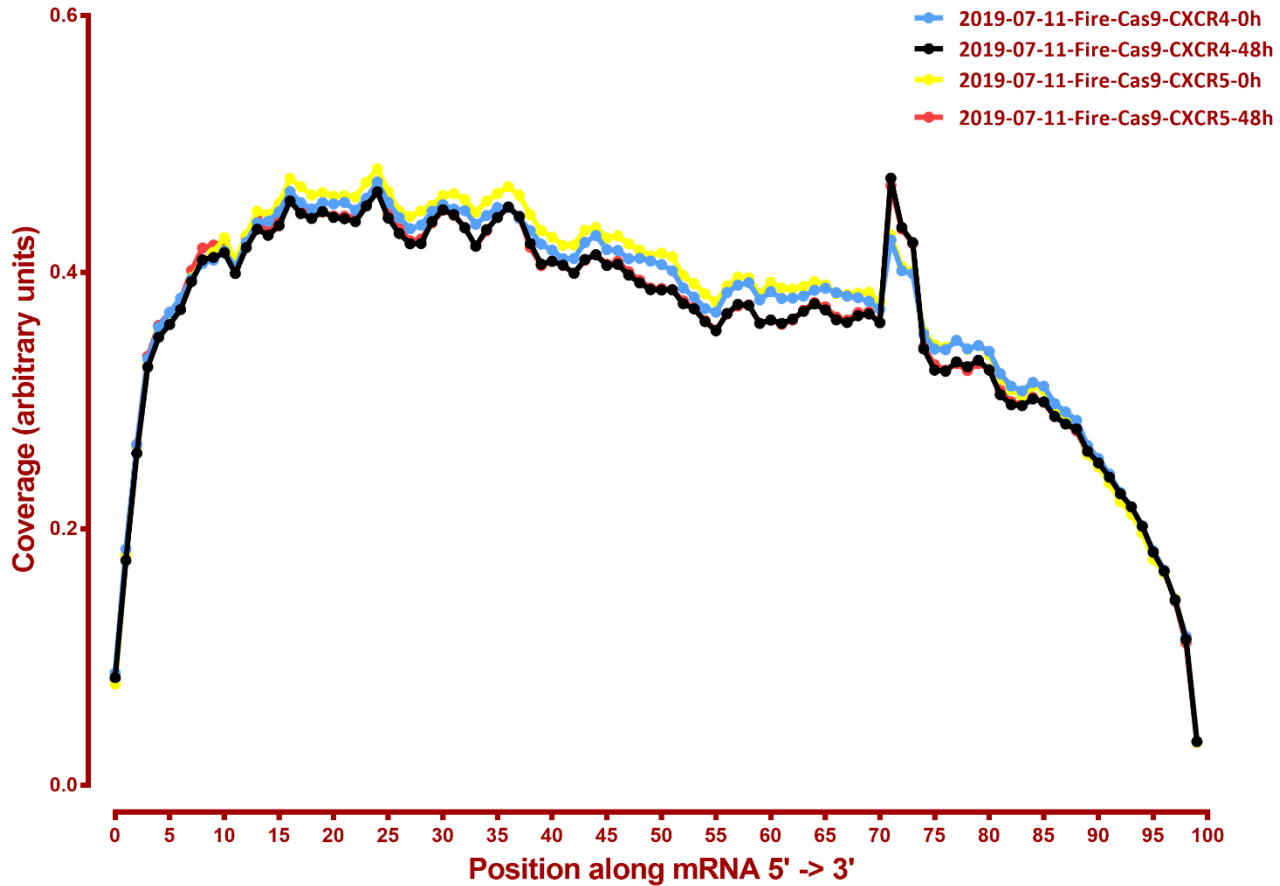


Dataset stats

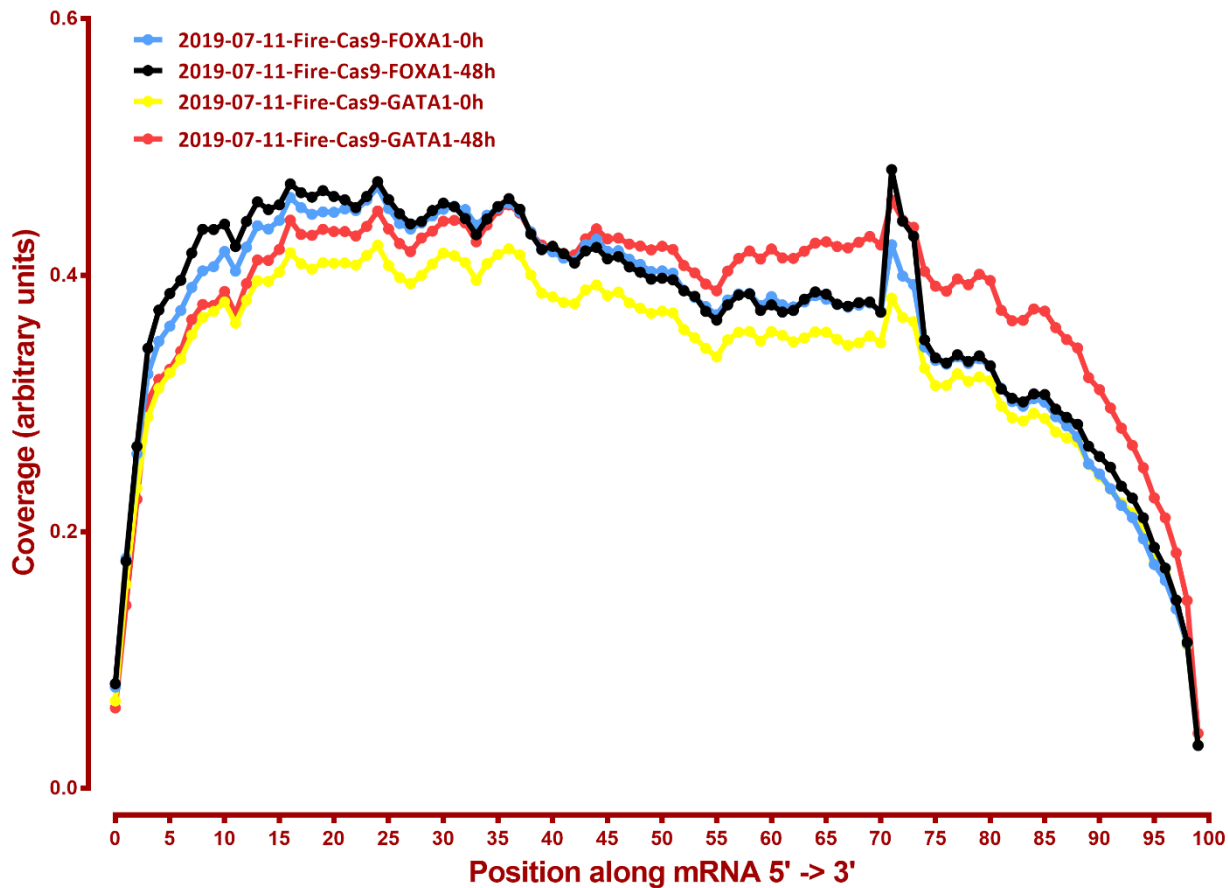
Species	Assay	Read Type + Length	Mapping	#	Complexity	Unique	Unique Splices	Multi	Multi Splices	Mapped fraction	Raw fragments
<i>Homo sapiens</i> hg38	RNA-seq	2x36	STAR-2.5.3.a	2019-07-11-Fire-Cas9-CXCR4-0h	0.62	11,394,843	1,658,819	2,282,710	284,146	0.71	10,970,054
<i>Homo sapiens</i> hg38	RNA-seq	2x36	STAR-2.5.3.a	2019-07-11-Fire-Cas9-CXCR4-48h	0.58	18,509,111	2,557,953	3,037,053	458,073	0.63	19,522,439
<i>Homo sapiens</i> hg38	RNA-seq	2x36	STAR-2.5.3.a	2019-07-11-Fire-Cas9-CXCR5-0h	0.59	14,191,343	2,098,901	2,644,868	360,748	0.73	13,169,467
<i>Homo sapiens</i> hg38	RNA-seq	2x36	STAR-2.5.3.a	2019-07-11-Fire-Cas9-CXCR5-48h	0.57	18,943,252	2,672,708	3,247,082	475,806	0.68	18,751,879
<i>Homo sapiens</i> hg38	RNA-seq	2x36	STAR-2.5.3.a	2019-07-11-Fire-Cas9-FOXA1-0h	0.55	20,579,093	3,038,857	3,867,536	525,822	0.75	18,613,802
<i>Homo sapiens</i> hg38	RNA-seq	2x36	STAR-2.5.3.a	2019-07-11-Fire-Cas9-FOXA1-48h	0.49	32,207,155	4,849,263	6,172,330	895,004	0.66	33,293,939
<i>Homo sapiens</i> hg38	RNA-seq	2x36	STAR-2.5.3.a	2019-07-11-Fire-Cas9-GATA1-0h	0.60	15,327,551	2,147,991	3,921,095	371,965	0.78	13,904,257
<i>Homo sapiens</i> hg38	RNA-seq	2x36	STAR-2.5.3.a	2019-07-11-Fire-Cas9-GATA1-48h	0.56	14,860,670	2,209,882	3,488,651	423,327	0.71	14,676,167
<i>Homo sapiens</i> hg38	RNA-seq	2x36	STAR-2.5.3.a	2019-07-11-Fire-Cas9-GATA2-0h	0.43	52,104,571	7,635,159	11,140,408	1,349,658	0.78	46,363,696
<i>Homo sapiens</i> hg38	RNA-seq	2x36	STAR-2.5.3.a	2019-07-11-Fire-Cas9-GATA2-48h	0.56	17,456,410	2,639,020	4,665,720	481,860	0.75	16,818,671
<i>Homo sapiens</i> hg38	RNA-seq	2x36	STAR-2.5.3.a	2019-07-11-Fire-Cas9-GATA3-0h	0.61	14,065,919	1,984,789	2,906,649	338,911	0.78	12,376,235
<i>Homo sapiens</i> hg38	RNA-seq	2x36	STAR-2.5.3.a	2019-07-11-Fire-Cas9-GATA3-48h	0.63	12,324,212	1,695,022	3,044,381	313,475	0.68	12,805,719
<i>Homo sapiens</i> hg38	RNA-seq	2x36	STAR-2.5.3.a	2019-07-11-Fire-Cas9-GATA6-0h	0.58	18,089,815	2,567,109	4,218,334	442,714	0.77	16,440,860
<i>Homo sapiens</i> hg38	RNA-seq	2x36	STAR-2.5.3.a	2019-07-11-Fire-Cas9-GATA6-48h	0.58	15,229,786	2,264,662	2,832,457	412,261	0.69	15,096,806
<i>Homo sapiens</i> hg38	RNA-seq	2x36	STAR-2.5.3.a	2019-07-11-Fire-Cas9-MYOD-0h	0.62	12,536,441	1,672,965	15,192,578	398,684	0.83	17,983,149
<i>Homo sapiens</i> hg38	RNA-seq	2x36	STAR-2.5.3.a	2019-07-11-Fire-Cas9-MYOD-48h	0.64	9,707,863	1,431,327	1,878,246	252,430	0.70	9,542,406
<i>Homo sapiens</i> hg38	RNA-seq	2x36	STAR-2.5.3.a	2019-07-11-Fire-Cas9-SIX1-0h	0.62	13,276,302	1,861,204	2,335,869	311,923	0.73	12,265,034
<i>Homo sapiens</i> hg38	RNA-seq	2x36	STAR-2.5.3.a	2019-07-11-Fire-Cas9-SIX1-48h	0.56	22,232,025	3,129,725	4,317,914	560,582	0.67	22,666,554
<i>Homo sapiens</i> hg38	RNA-seq	2x36	STAR-2.5.3.a	2019-07-11-Fire-Cas9-SOX2-0h	0.60	13,294,326	1,981,606	2,424,611	337,279	0.77	11,762,258
<i>Homo sapiens</i> hg38	RNA-seq	2x36	STAR-2.5.3.a	2019-07-11-Fire-Cas9-SOX2-48h	0.38	79,664,444	11,899,900	18,164,082	2,339,982	0.67	84,019,492
<i>Homo sapiens</i> hg38	RNA-seq	2x36	STAR-2.5.3.a	2019-07-11-Fire-Cas9-no_guide-0h	0.49	25,035,457	3,912,723	4,714,063	688,339	0.83	20,581,795
<i>Homo sapiens</i> hg38	RNA-seq	2x36	STAR-2.5.3.a	2019-07-11-Fire-Cas9-no_guide-48h	0.58	12,808,045	1,777,855	2,865,810	346,804	0.77	11,553,272
<i>Homo sapiens</i> hg38	RNA-seq	2x36	STAR-2.5.3.a	2019-07-11-Fire-Cas9-scramble-0h	0.58	15,819,708	2,327,010	2,748,406	402,034	0.68	15,729,950
<i>Homo sapiens</i> hg38	RNA-seq	2x36	STAR-2.5.3.a	2019-07-11-Fire-Cas9-scramble-48h	0.66	9,104,151	1,267,289	1,339,664	227,304	0.60	9,881,551

#	Exonic:	Intergenic:	Intronic:
2019-07-11-Fire-Cas9-CXCR4-0h	0.92	0.02	0.06
2019-07-11-Fire-Cas9-CXCR4-48h	0.90	0.03	0.07
2019-07-11-Fire-Cas9-CXCR5-0h	0.93	0.02	0.05
2019-07-11-Fire-Cas9-CXCR5-48h	0.91	0.03	0.06
2019-07-11-Fire-Cas9-FOXA1-0h	0.93	0.02	0.05
2019-07-11-Fire-Cas9-FOXA1-48h	0.93	0.02	0.05
2019-07-11-Fire-Cas9-GATA1-0h	0.91	0.02	0.07
2019-07-11-Fire-Cas9-GATA1-48h	0.93	0.02	0.05
2019-07-11-Fire-Cas9-GATA2-0h	0.93	0.02	0.05
2019-07-11-Fire-Cas9-GATA2-48h	0.93	0.02	0.05
2019-07-11-Fire-Cas9-GATA3-48h	0.89	0.03	0.07
2019-07-11-Fire-Cas9-GATA4-0h	0.91	0.02	0.06
2019-07-11-Fire-Cas9-GATA6-0h	0.91	0.02	0.07
2019-07-11-Fire-Cas9-GATA6-48h	0.93	0.02	0.05
2019-07-11-Fire-Cas9-MYOD-0h	0.89	0.03	0.07
2019-07-11-Fire-Cas9-MYOD-48h	0.92	0.02	0.05
2019-07-11-Fire-Cas9-SIX1-0h	0.91	0.02	0.06
2019-07-11-Fire-Cas9-SIX1-48h	0.91	0.03	0.07
2019-07-11-Fire-Cas9-SOX2-0h	0.93	0.02	0.05
2019-07-11-Fire-Cas9-SOX2-48h	0.92	0.02	0.05
2019-07-11-Fire-Cas9-no_guide-0h	0.94	0.02	0.04
2019-07-11-Fire-Cas9-no_guide-48h	0.90	0.03	0.06
2019-07-11-Fire-Cas9-scramble-0h	0.92	0.02	0.06
2019-07-11-Fire-Cas9-scramble-48h	0.90	0.03	0.07

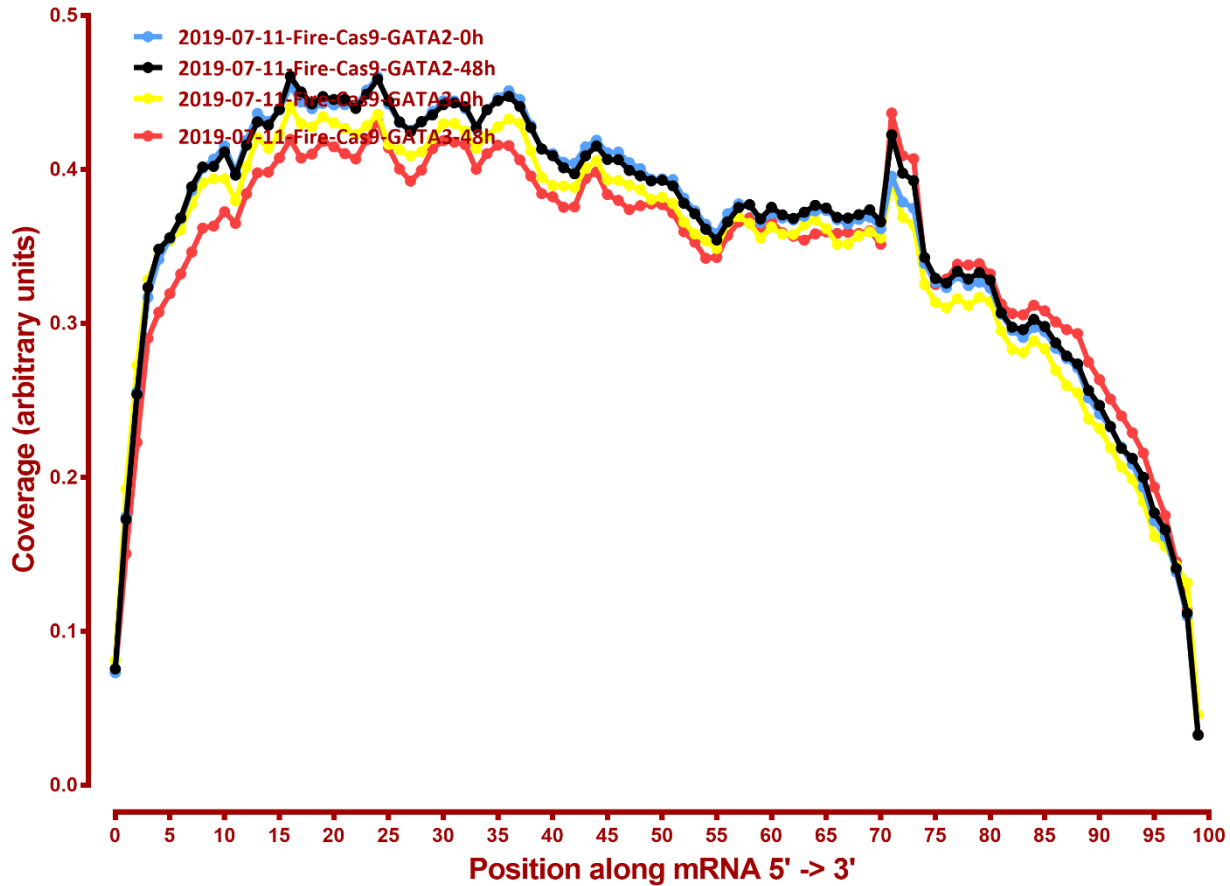
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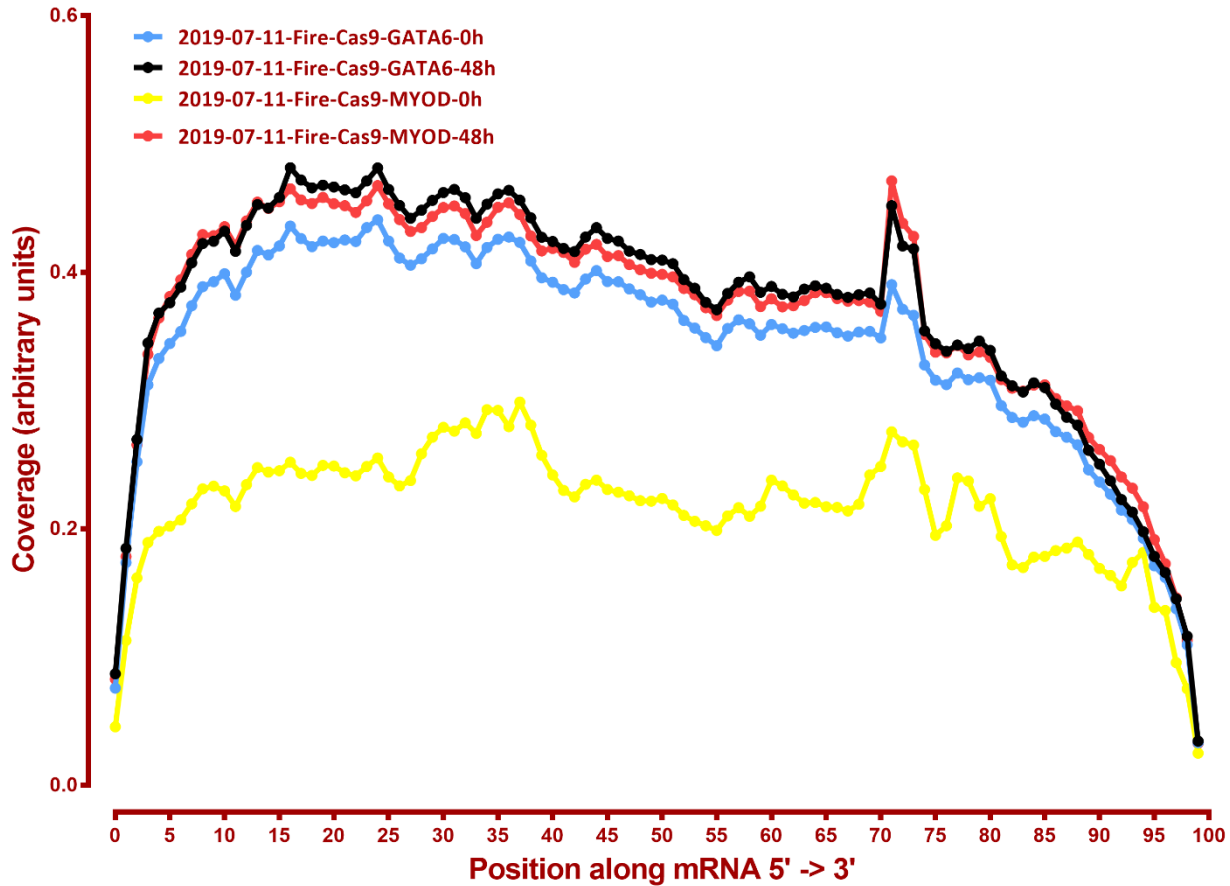
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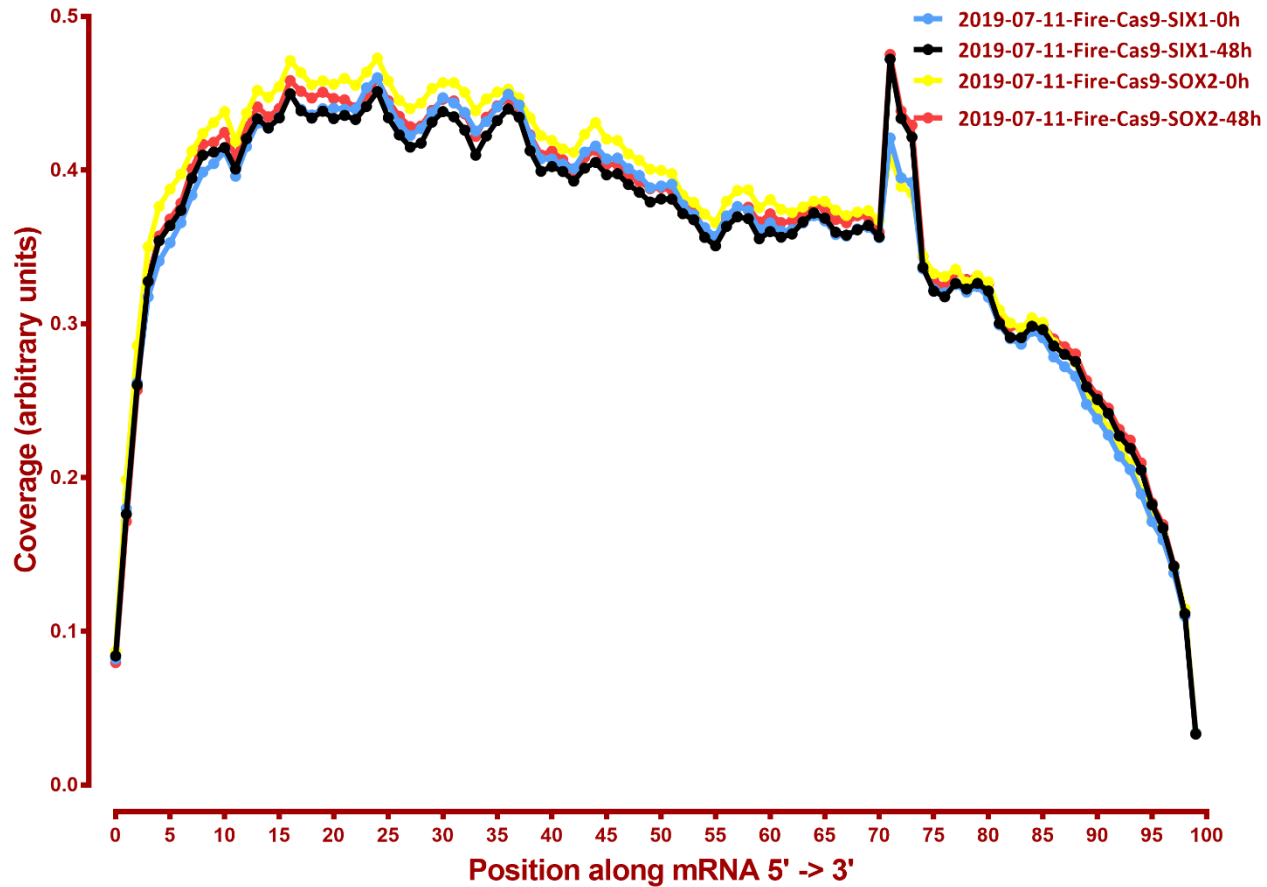
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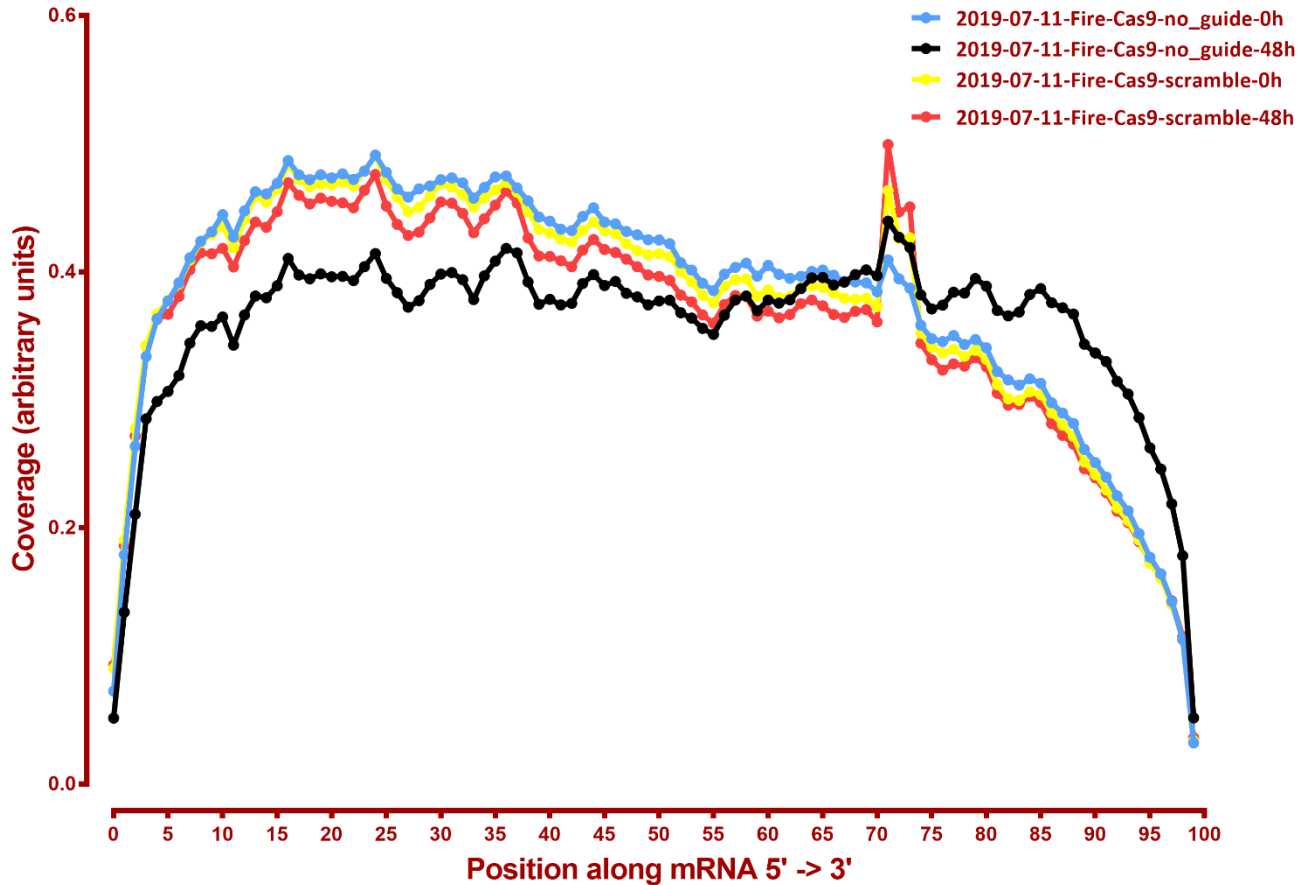
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Coverage of genes; >1000bp



Coverage of genes; >1000bp

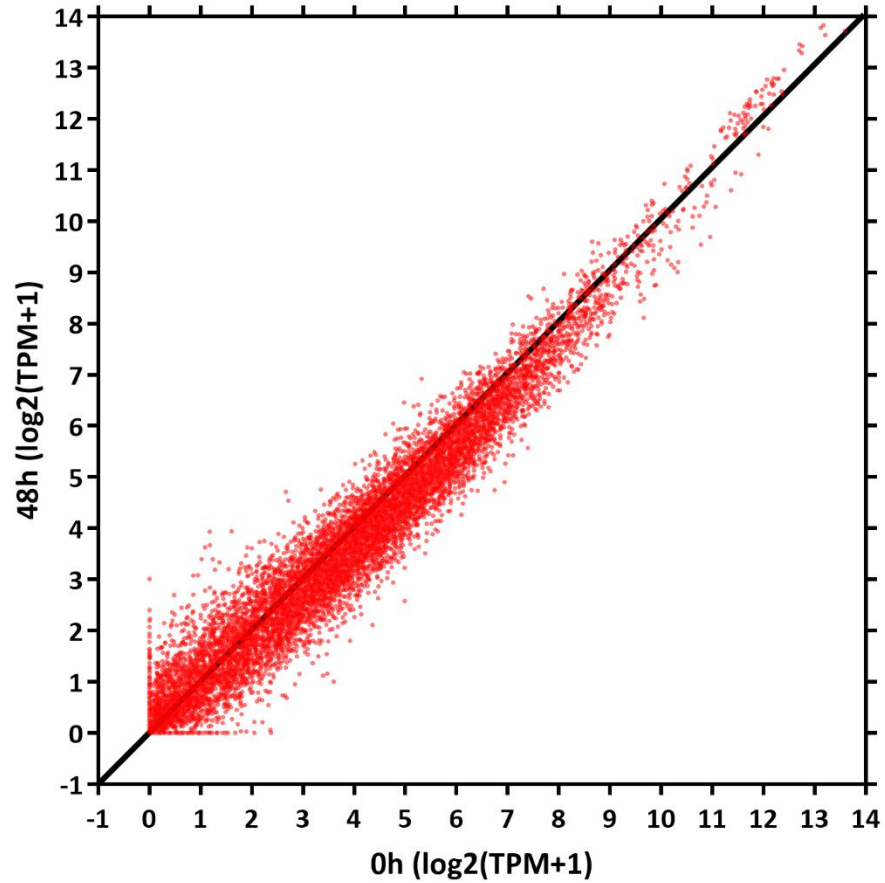


Induction:

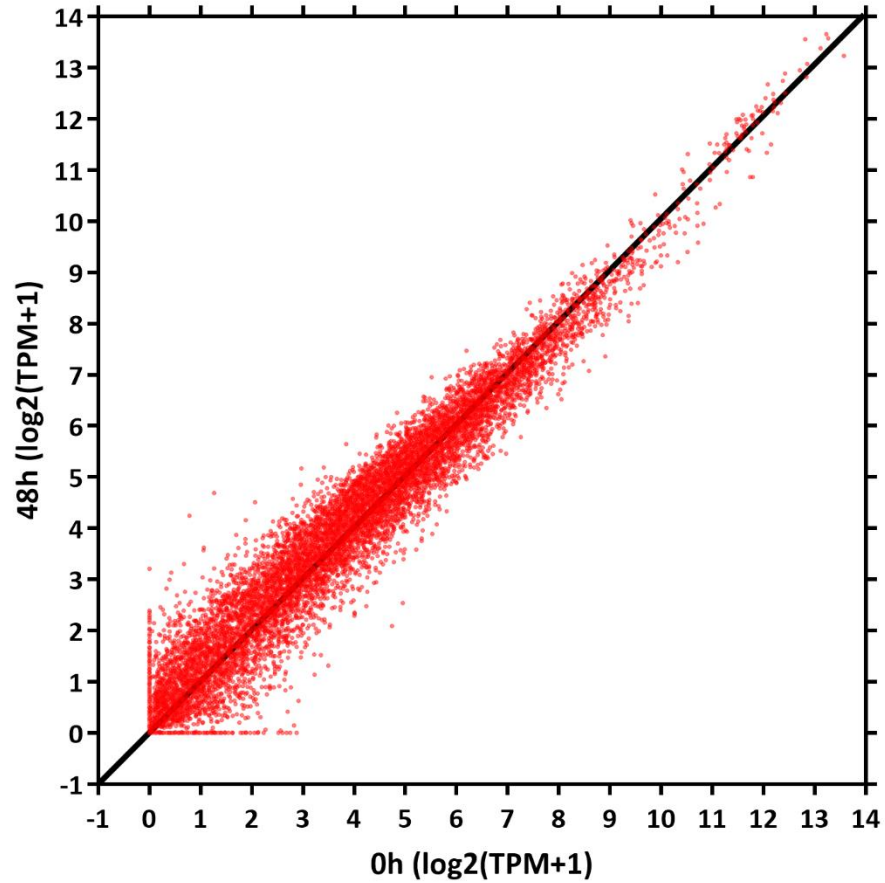
#	CXCR4-0h	CXCR4-48h	CXCR5-0h	CXCR5-48h	FOXA1-0h	FOXA1-48h	GATA1-0h	GATA1-48h	GATA2-0h	GATA2-48h	GATA3-0h	GATA3-48h	GATA6-0h	GATA6-48h	MYOD-0h	MYOD-48h	SIX1-0h	SIX1-48h	SOX2-0h	SOX2-48h	no_guide-0h	no_guide-48h	scramble-0h	scramble-48h
MYOD1	0	1.57	0.2	0.83	0.75	0.32	0.43	0.17	0.74	0.99	0.72	0.72	0.72	0.9	0.25	55.7	1.73	0.73	0.22	0.48	0.55	1.23	0.55	0.24
CXCR5	0	0.42	0	11.2	0	0.11	0.12	0	0	0	0	0	0	0.12	0	0	0.09	0.28	0.09	0	0	0	0	0
CXCR4	5.68	234	5.4	3.36	3.32	2.61	4.52	0.85	4.94	4.15	5.41	2.53	4.97	3.03	3.77	2.18	4.49	3.01	4.69	3.44	3.21	1.98	4.78	5.34
FOXA1	6.04	6.79	5.67	8.49	5.41	5.66	7.24	5.03	8.47	7.84	7.79	5.81	8.15	6.72	5.52	4.44	7.45	8.13	9.12	19	7.65	5.17	6.59	4.39
GATA1	0	0	0	0	0	0	0	63.7	0	0	0	0	0.23	0.26	0	0	0.34	0.19	0.31	0.22	0.15	0	0.26	0
GATA2	23.8	28.7	23.5	25.4	23.6	21.3	17	25.2	23.6	33.1	22.5	24.9	24.4	26.8	14.9	28.8	23.5	43.5	22.7	22.6	17.3	14.9	21.3	21.7
GATA3	3.88	3.31	2.4	4.6	3.67	3.11	3.7	3.12	3.95	5.89	2.52	18.9	3.66	3.49	2.04	4.59	3.77	10.6	3.9	3.32	2.46	2.21	3.93	2.24
GATA6	8.23	11	14.1	12.7	13.4	11.7	13.3	11.6	16	17	14.3	13.9	15.9	41.3	12.8	9.29	15.6	20.8	16.3	11.9	12.3	10.1	13.6	5.88
SIX1	35.2	26.1	27.8	24.4	29.2	25.4	26.9	24.1	31.2	25.9	32.3	30.7	28.5	24.2	21.6	27.9	22.2	86.9	34.1	22.7	26	14.4	28.4	22.1
SOX2	3.62	4.73	3.52	4.57	5.93	64	7.1	3.09	6.45	4.18	6.86	5.89	5.99	4.58	5.25	2.63	7.19	4.19	7.33	3.49	5.66	2.09	6.47	2.73

Note: looks like there is a switch between SOX2 and FOXA1

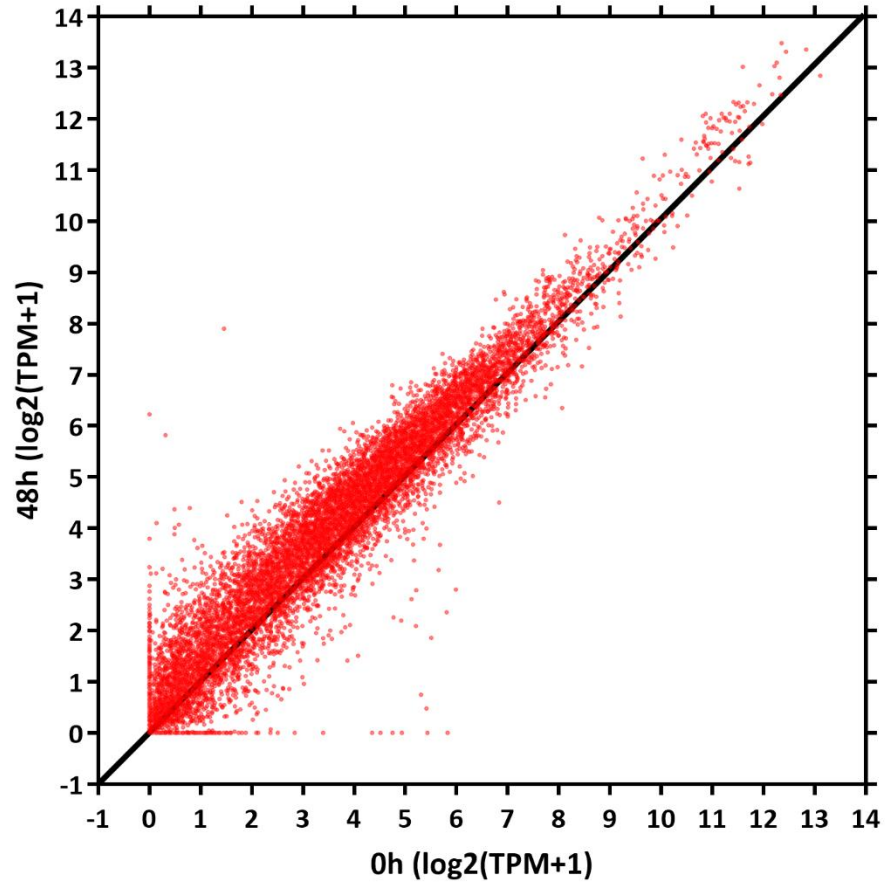
no_guide



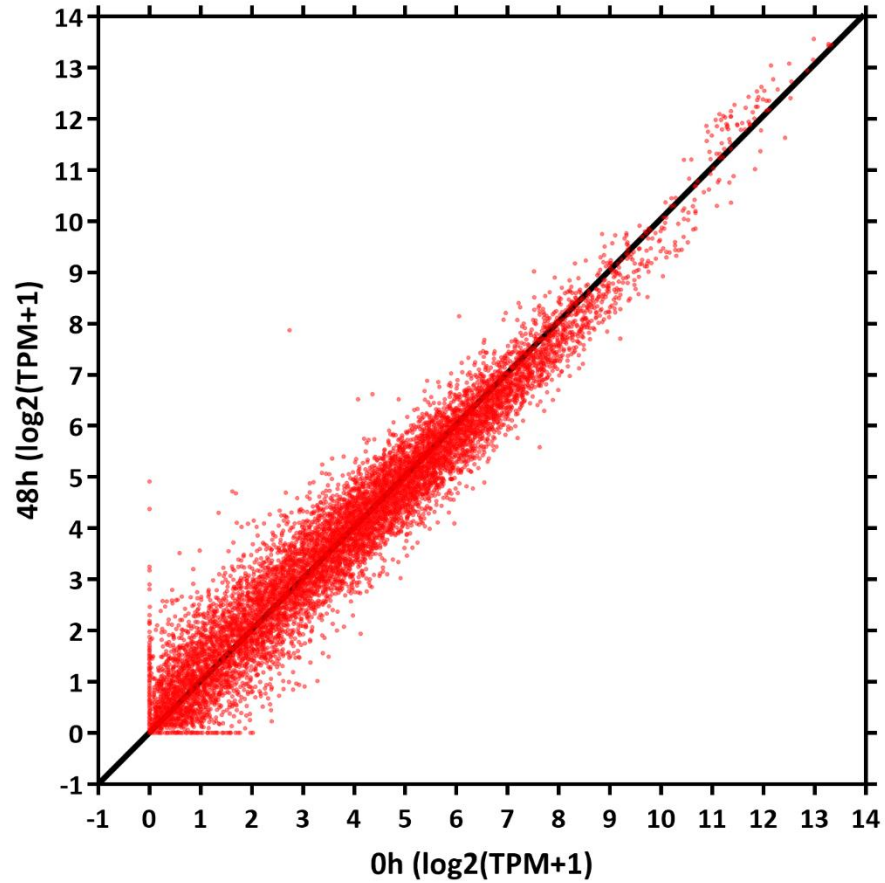
scramble



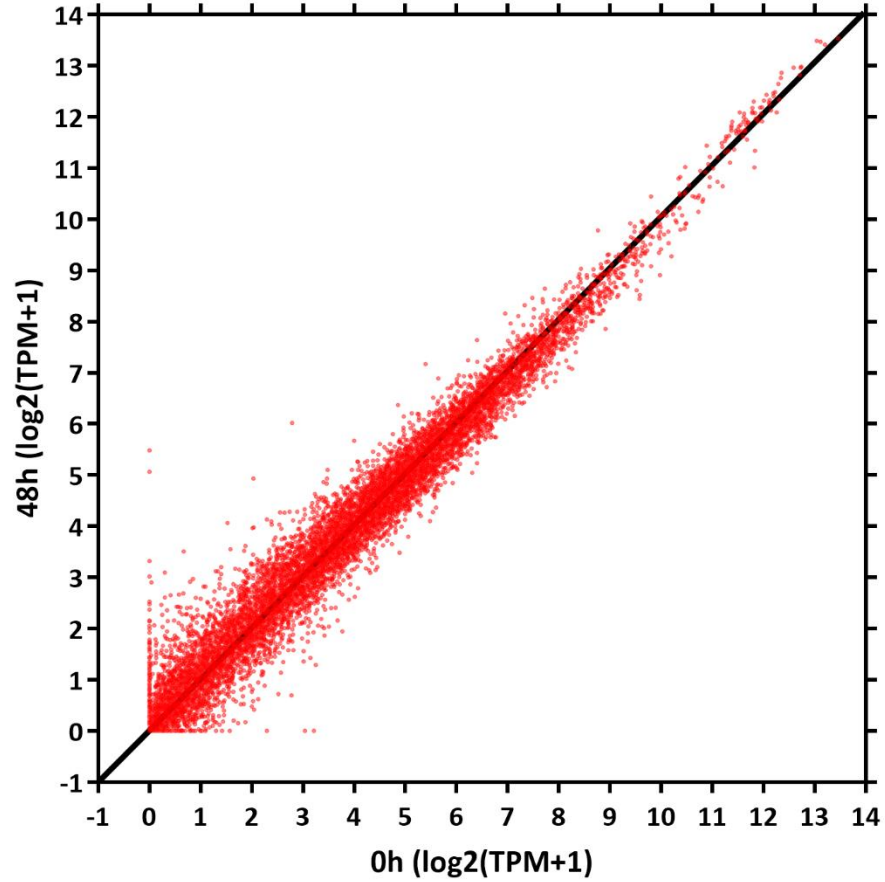
MYOD



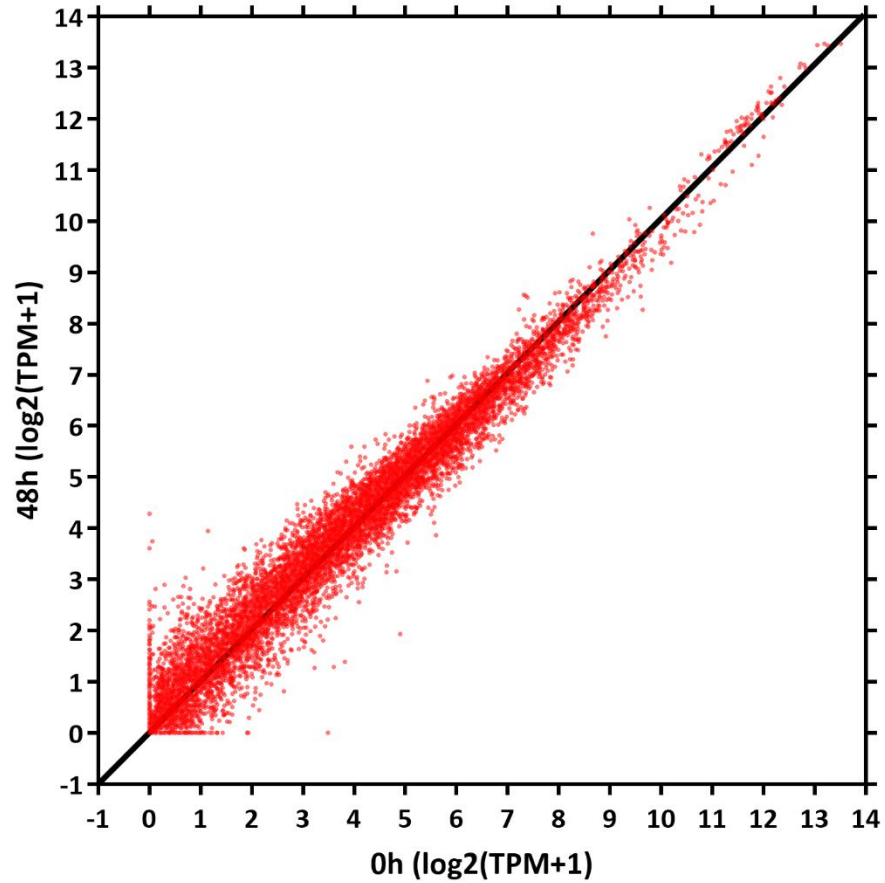
CXCR4



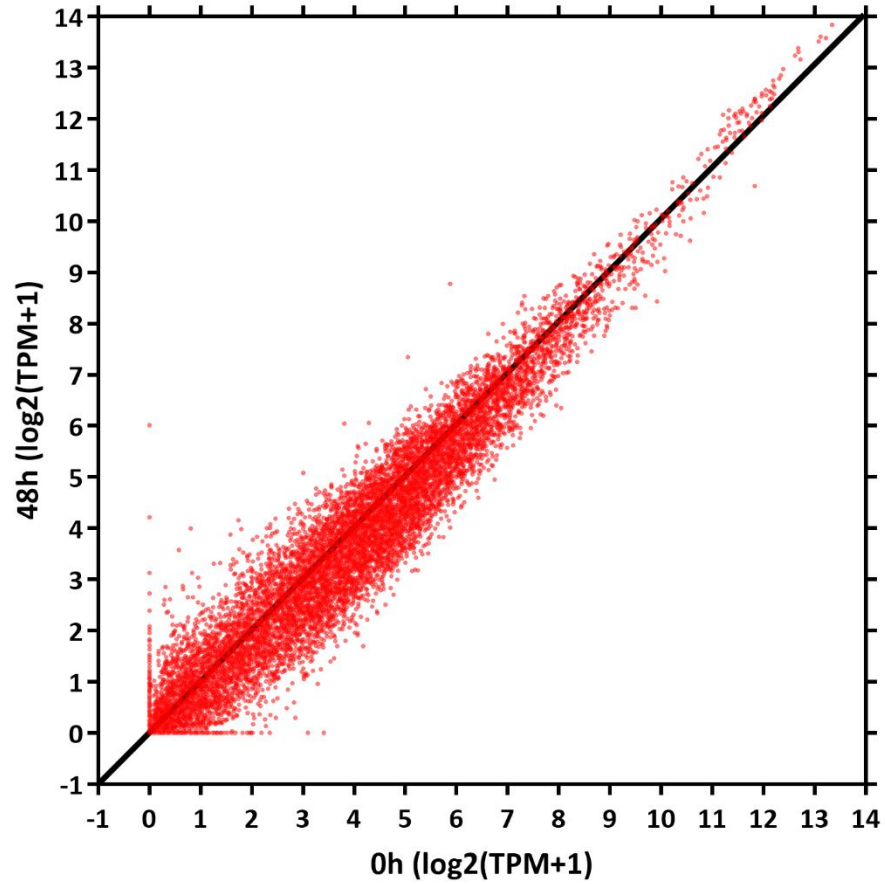
FOXA1



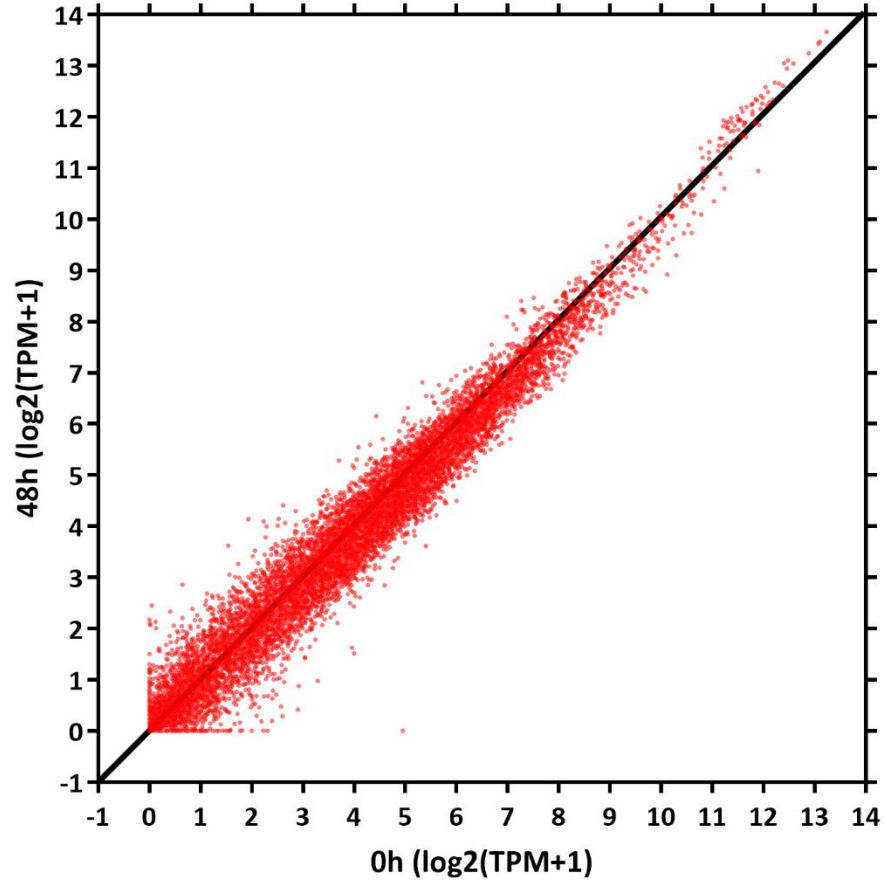
CXCR5



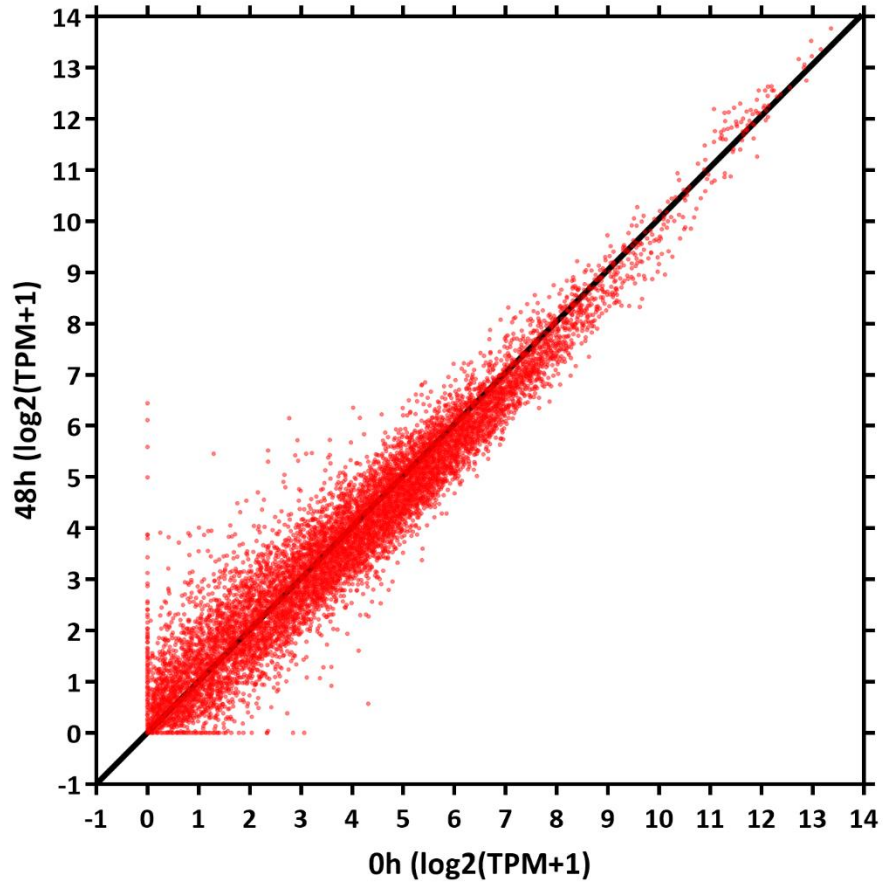
GATA1



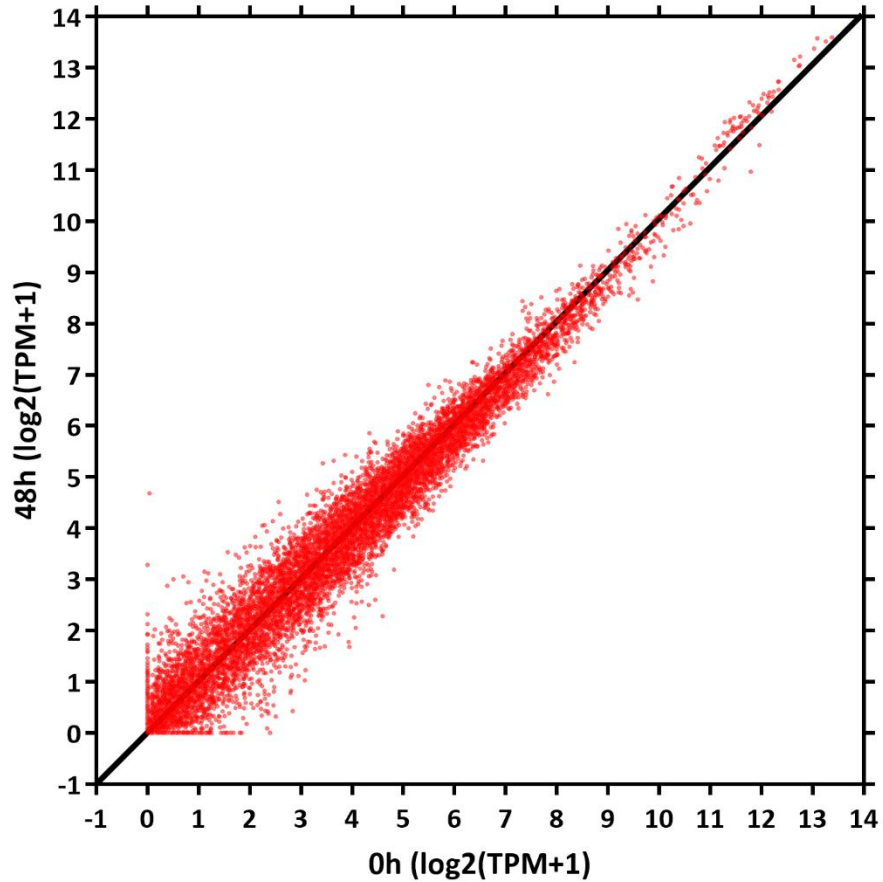
GATA2



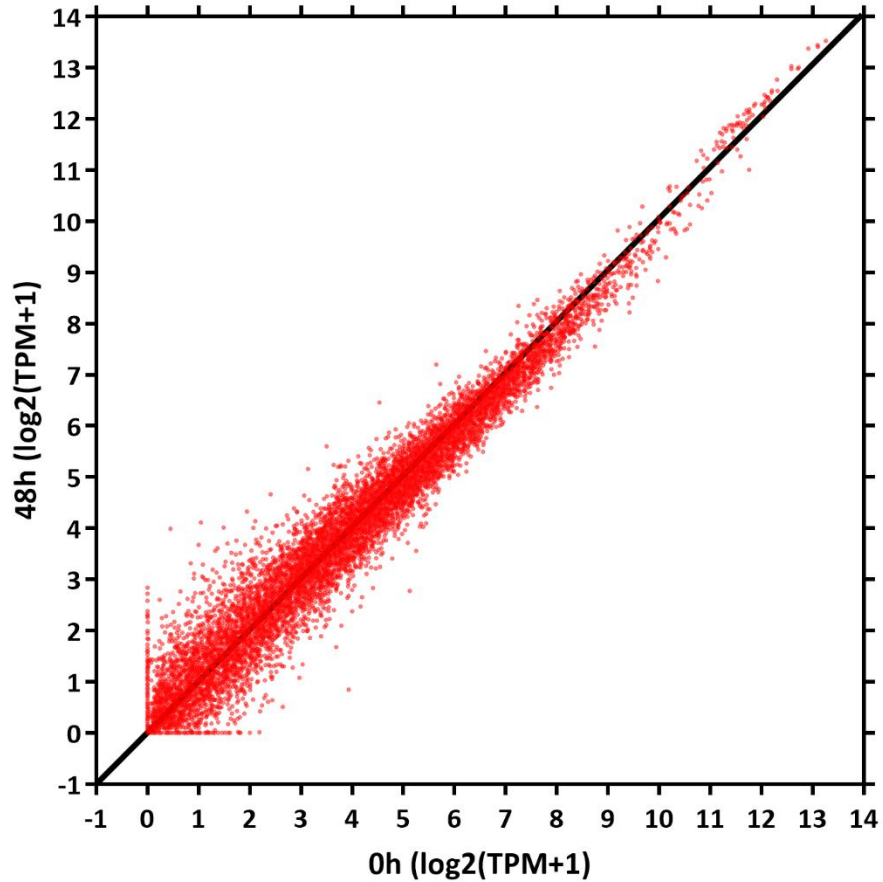
GATA3



GATA6



SIX1



SOX2

