

# MAPPING STATS

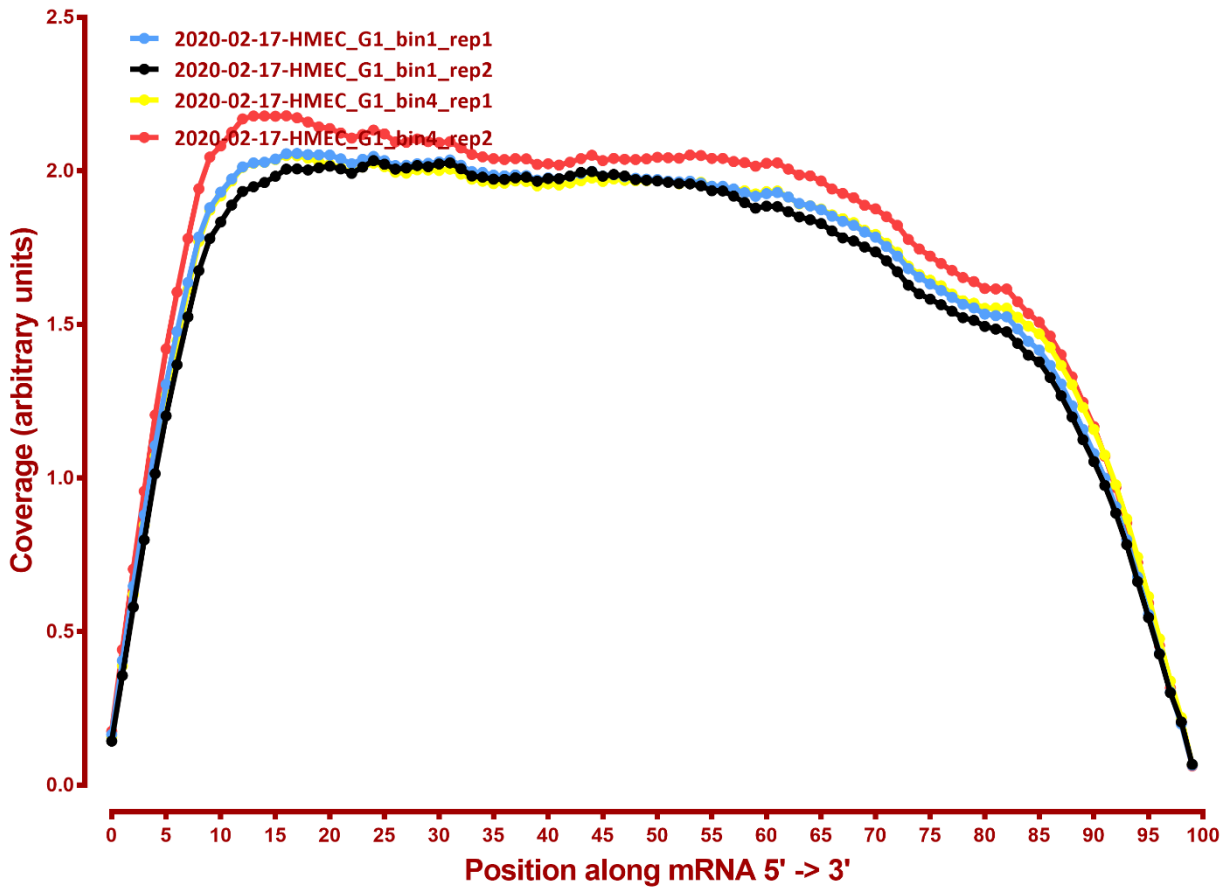
Library	Read Length	Mapping	Species	Raw fragments	Complexity	Unique	Unique Splices	Multi	Multi Splices	Fraction mapped
2020-02-17-HMEC_G1_bin1_rep1	2x150	STAR-2.5.3a	hg38	51,007,964	0.30	52,118,924	40,585,330	3,179,398	2,816,062	0.97
2020-02-17-HMEC_G1_bin1_rep2	2x150	STAR-2.5.3a	hg38	50,920,184	0.27	50,170,604	39,934,562	5,169,397	2,759,505	0.96
2020-02-17-HMEC_G1_bin4_rep1	2x150	STAR-2.5.3a	hg38	61,923,234	0.32	61,709,996	48,093,026	6,657,347	3,516,865	0.97
2020-02-17-HMEC_G1_bin4_rep2	2x150	STAR-2.5.3a	hg38	48,812,922	0.33	47,625,640	39,722,610	4,016,524	2,903,188	0.97
2020-02-17-HMEC_SG2M_bin1_rep1	2x150	STAR-2.5.3a	hg38	25,126,115	0.52	26,672,976	19,821,660	1,099,171	1,393,989	0.97
2020-02-17-HMEC_SG2M_bin1_rep2	2x150	STAR-2.5.3a	hg38	50,777,738	0.43	51,192,752	42,319,218	2,574,461	3,426,257	0.98
2020-02-17-HMEC_SG2M_bin2_rep1	2x150	STAR-2.5.3a	hg38	48,472,733	0.40	50,551,435	38,918,743	2,209,445	2,923,693	0.98
2020-02-17-HMEC_SG2M_bin3_rep1	2x150	STAR-2.5.3a	hg38	48,589,117	0.45	51,447,836	38,507,146	2,151,793	2,894,757	0.98
2020-02-17-HMEC_SG2M_bin4_rep1	2x150	STAR-2.5.3a	hg38	54,104,393	0.40	55,005,526	44,870,318	2,514,271	3,435,335	0.98
2020-02-17-HMEC_SG2M_bin4_rep2	2x150	STAR-2.5.3a	hg38	51,428,399	0.44	51,372,530	43,186,672	2,360,928	3,450,734	0.98

# READ DISTRIBUTION

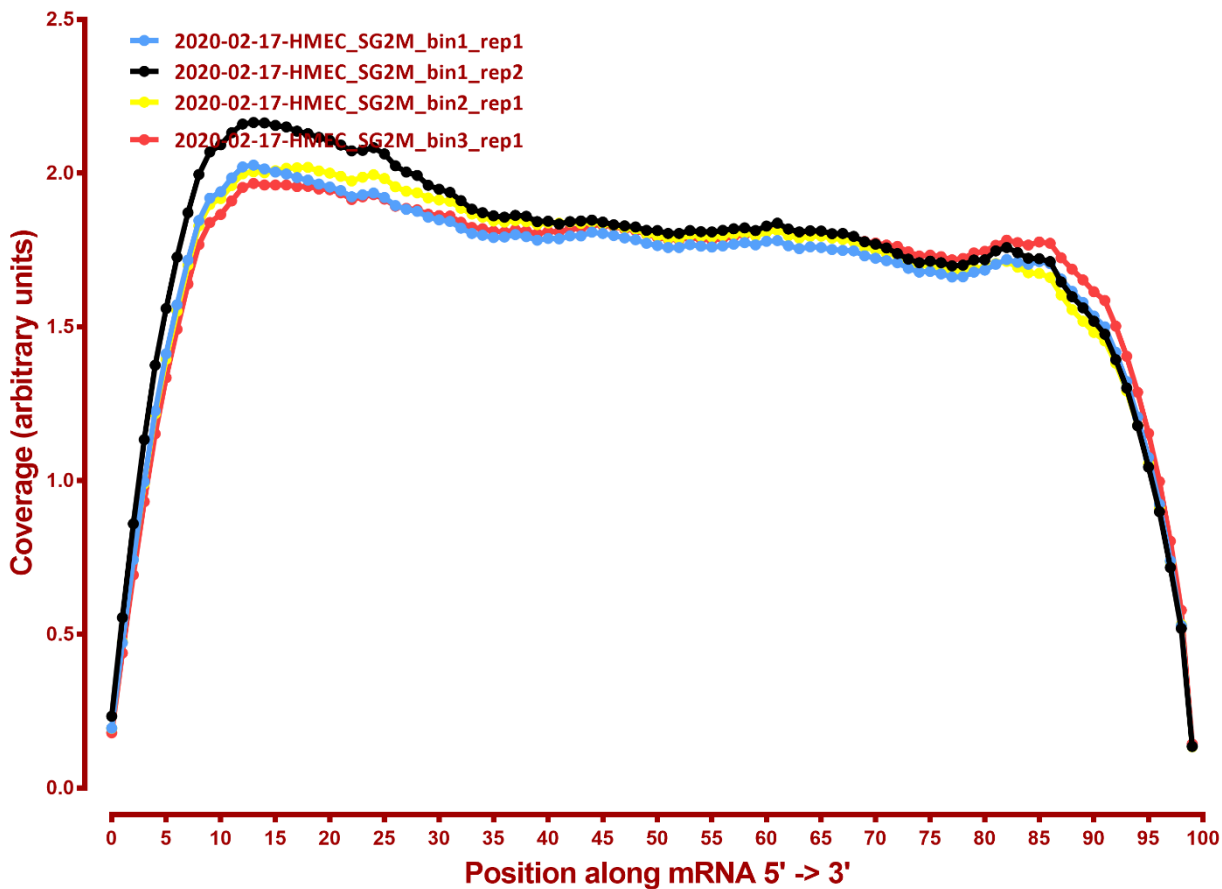
#	Exonic:	Intergenic:	Intronic:
2020-02-17-HMEC_G1_bin1_rep1	0.92	0.01	0.07
2020-02-17-HMEC_G1_bin1_rep2	0.92	0.01	0.07
2020-02-17-HMEC_G1_bin4_rep1	0.92	0.01	0.07
2020-02-17-HMEC_G1_bin4_rep2	0.93	0.01	0.06
2020-02-17-HMEC_SG2M_bin1_rep1	0.92	0.01	0.07
2020-02-17-HMEC_SG2M_bin1_rep2	0.93	0.01	0.06
2020-02-17-HMEC_SG2M_bin2_rep1	0.93	0.01	0.06
2020-02-17-HMEC_SG2M_bin3_rep1	0.93	0.01	0.06
2020-02-17-HMEC_SG2M_bin4_rep1	0.95	0.01	0.04
2020-02-17-HMEC_SG2M_bin4_rep2	0.94	0.01	0.05

# COVERAGE QC

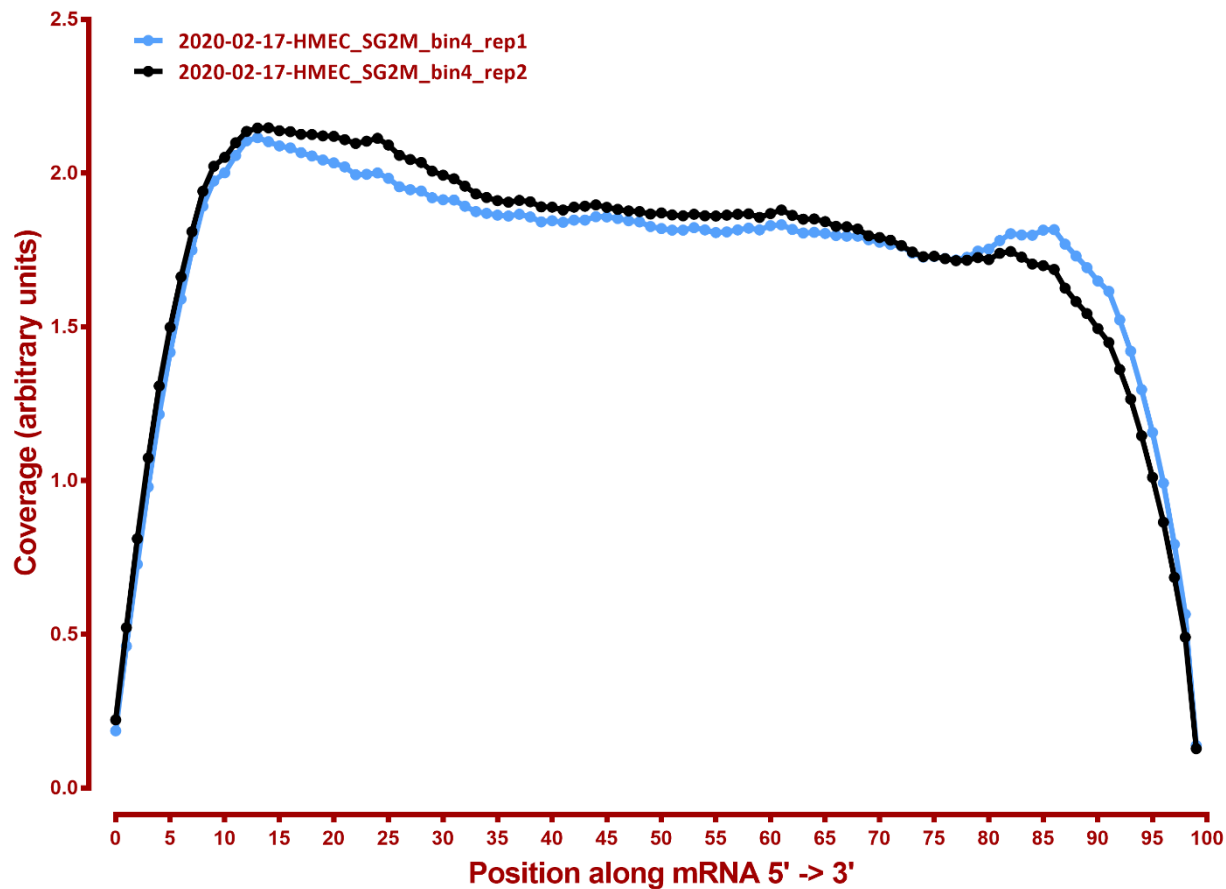
## Coverage of genes; >1000bp



## Coverage of genes; >1000bp



## Coverage of genes; >1000bp



# DE GENES SUMMARY

Number differential genes, hg38

A	B	p-adj		p-val	
		up in B vs A	down in B vs A	up in B vs A	down in B vs A
HMEC_G1_bin1	HMEC_G1_bin4	635	394	1,677	1,517
HMEC_G1_bin1	HMEC_SG2M_bin1	1,179	607	2,091	1,686
HMEC_G1_bin1	HMEC_SG2M_bin2	1,154	672	2,024	1,777
HMEC_G1_bin1	HMEC_SG2M_bin3	1,277	820	2,153	1,988
HMEC_G1_bin1	HMEC_SG2M_bin4	1,503	1,053	2,361	2,153
HMEC_G1_bin4	HMEC_SG2M_bin1	1,058	688	2,010	1,679
HMEC_G1_bin4	HMEC_SG2M_bin2	694	345	1,530	1,255
HMEC_G1_bin4	HMEC_SG2M_bin3	763	380	1,647	1,338
HMEC_G1_bin4	HMEC_SG2M_bin4	1041	588	1825	1509
HMEC_SG2M_bin1	HMEC_SG2M_bin2	4	6	288	409
HMEC_SG2M_bin1	HMEC_SG2M_bin3	5	11	372	467
HMEC_SG2M_bin1	HMEC_SG2M_bin4	18	49	508	649
HMEC_SG2M_bin2	HMEC_SG2M_bin3	3	2	270	293
HMEC_SG2M_bin2	HMEC_SG2M_bin4	3	9	420	473
HMEC_SG2M_bin3	HMEC_SG2M_bin4	2	3	288	374