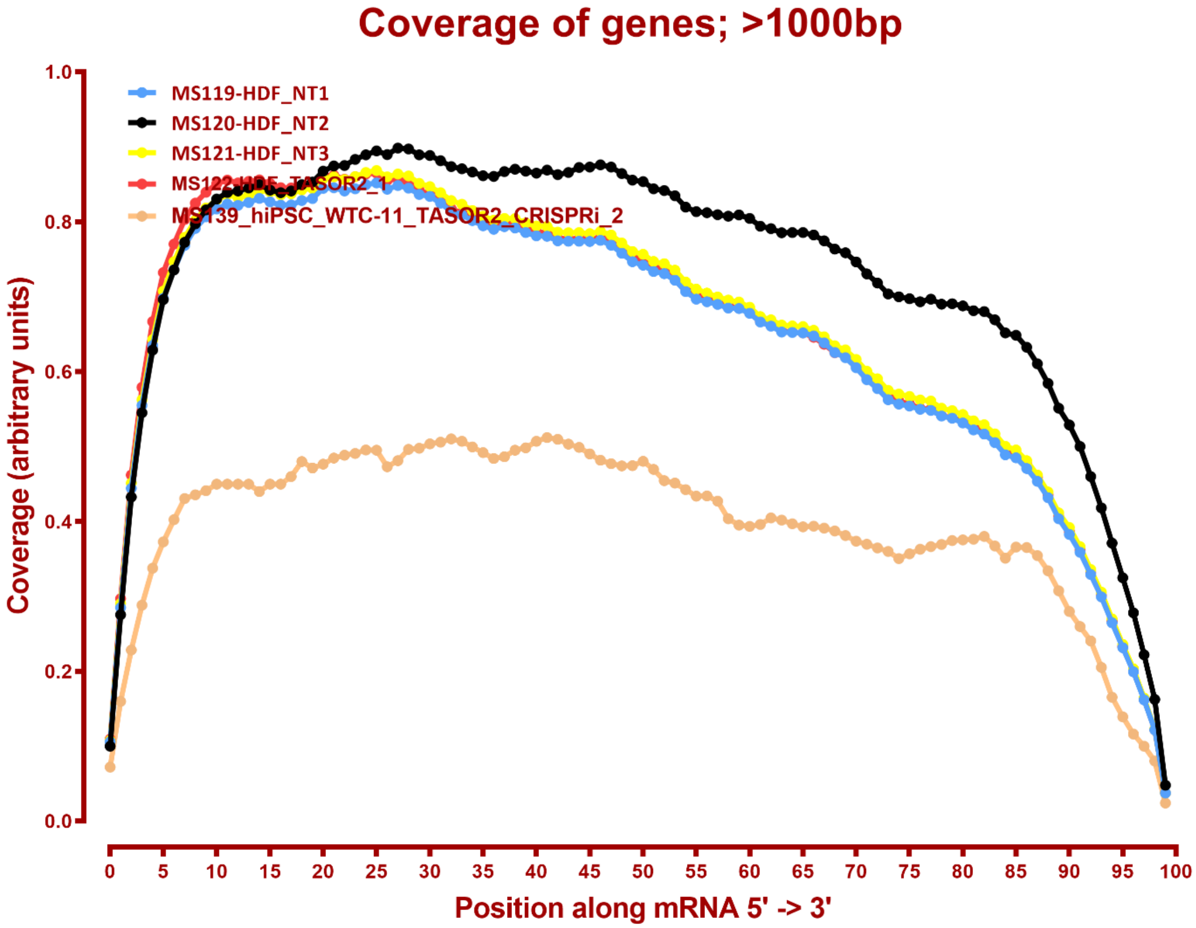
Mapping stats

Species	Assay	Read Type + Length	Mapping	#	Complexity	Unique	Unique Splices	Multi	Multi Splices	Mapped fraction	Raw fragments
hg38	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS119-HDF_NT1	0.33	28,673,245	26,034,881	1,489,603	1,656,035	0.93	30,946,995
hg38	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS120-HDF_NT2	0.31	24,903,644	21,926,658	1,407,216	1,456,724	0.95	26,210,016
hg38	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS121-HDF_NT3	0.35	21,323,828	20,313,548	1,063,894	1,276,012	0.95	23,229,923
hg38	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS122-HDF_TASOR2_1	0.36	19,400,072	18,421,868	1,015,331	1,145,559	0.94	21,155,230
hg38	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS123-HDF_TASOR2_2	0.33	23,887,547	22,697,341	1,352,969	1,448,571	0.95	25,902,159
hg38	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS124-HDF_TASOR2_3	0.33	22,052,095	20,573,207	1,021,160	1,270,330	0.95	23,543,867
hg38	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS125-HDF_TASOR_1	0.23	39,254,774	36,385,106	1,751,434	2,280,190	0.96	41,390,743
hg38	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS126-HDF_TASOR_2	0.27	34,151,941	32,451,451	1,647,059	2,061,045	0.96	36,665,266
hg38	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS127-K562_NT1	0.38	23,086,339	19,680,077	1,559,159	1,651,689	0.94	24,498,524
hg38	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS128-K562_NT2	0.38	20,879,816	17,822,404	1,307,717	1,463,641	0.94	22,089,125
hg38	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS129-K562_NT3	0.37	22,150,147	18,623,955	1,353,852	1,538,708	0.94	23,191,624
hg38	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS130-K562_TASOR2_1	0.38	20,717,164	17,332,992	1,320,501	1,449,613	0.95	21,430,522
hg38	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS131-K562_TASOR2_2	0.39	22,327,652	18,673,226	1,481,870	1,570,648	0.93	23,740,818
hg38	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS132-K562_TASOR2_3	0.38	22,110,703	18,738,491	1,456,138	1,572,030	0.95	23,197,835
hg38	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS133-K562_TASOR_1	0.39	21,514,798	18,420,536	1,385,577	1,513,037	0.94	22,673,068
hg38	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS134-K562_TASOR_2	0.38	23,201,842	19,554,462	1,548,928	1,606,706	0.95	24,197,642
hs1-T2T-CHM13v2.0	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS119-HDF_NT1	0.33	28,960,432	26,026,492	916,132	1,524,390	0.93	30,946,995
hs1-T2T-CHM13v2.0	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS120-HDF_NT2	0.30	25,189,993	21,946,365	823,579	1,320,137	0.94	26,210,016
hs1-T2T-CHM13v2.0	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS121-HDF_NT3	0.35	21,537,009	20,323,099	665,245	1,167,485	0.94	23,229,923
hs1-T2T-CHM13v2.0	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS122-HDF_TASOR2_1	0.36	19,592,404	18,435,200	601,927	1,044,565	0.94	21,155,230
hs1-T2T-CHM13v2.0	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS123-HDF_TASOR2_2	0.33	24,146,164	22,715,344	763,651	1,310,307	0.94	25,902,159
hs1-T2T-CHM13v2.0	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS124-HDF_TASOR2_3	0.33	22,265,092	20,590,466	657,962	1,152,688	0.95	23,543,867
hs1-T2T-CHM13v2.0	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS125-HDF_TASOR_1	0.23	39,618,252	36,340,620	1,173,996	2,123,360	0.96	41,390,743
hs1-T2T-CHM13v2.0	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS126-HDF_TASOR_2	0.27	34,472,638	32,433,336	1,045,746	1,903,658	0.95	36,665,266
hs1-T2T-CHM13v2.0	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS127-K562_NT1	0.37	23,307,844	19,648,592	1,043,976	1,579,066	0.93	24,498,524
hs1-T2T-CHM13v2.0	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS128-K562_NT2	0.38	21,070,441	17,803,535	901,594	1,396,278	0.93	22,089,125
hs1-T2T-CHM13v2.0	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS129-K562_NT3	0.37	22,360,075	18,615,491	966,335	1,444,155	0.94	23,191,624
hs1-T2T-CHM13v2.0	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS130-K562_TASOR2_1	0.38	20,877,262	17,312,082	903,888	1,403,622	0.94	21,430,522
hs1-T2T-CHM13v2.0	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS131-K562_TASOR2_2	0.38	22,526,545	18,657,391	1,009,981	1,482,693	0.92	23,740,818
hs1-T2T-CHM13v2.0	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS132-K562_TASOR2_3	0.38	22,329,884	18,712,398	991,405	1,483,681	0.94	23,197,835
hs1-T2T-CHM13v2.0	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS133-K562_TASOR_1	0.39	21,724,098	18,383,070	947,220	1,453,584	0.94	22,673,068
hs1-T2T-CHM13v2.0	**RNA-seq**	**2x150**	**STAR-2.5.3a**	MS134-K562_TASOR_2	0.38	23,403,377	19,541,733	1,020,640	1,534,784	0.94	24,197,642

Read distribution

#	Exonic:	Intergenic:	Intronic:
MS119-HDF_NT1	0.92	0.03	0.05
MS120-HDF_NT2	0.94	0.03	0.03
MS121-HDF_NT3	0.94	0.03	0.04
MS122-HDF_TASOR2_1	0.94	0.02	0.04
MS123-HDF_TASOR2_2	0.94	0.02	0.03
MS124-HDF_TASOR2_3	0.93	0.03	0.04
MS125-HDF_TASOR_1	0.93	0.03	0.05
MS126-HDF_TASOR_2	0.94	0.02	0.04
MS127-K562_NT1	0.86	0.07	0.07
MS128-K562_NT2	0.86	0.07	0.07
MS129-K562_NT3	0.86	0.07	0.08
MS130-K562_TASOR2_1	0.85	0.07	0.07
MS131-K562_TASOR2_2	0.85	0.07	0.07
MS132-K562_TASOR2_3	0.86	0.07	0.07
MS133-K562_TASOR_1	0.86	0.07	0.07
MS134-K562_TASOR_2	0.86	0.07	0.07

Read coverage



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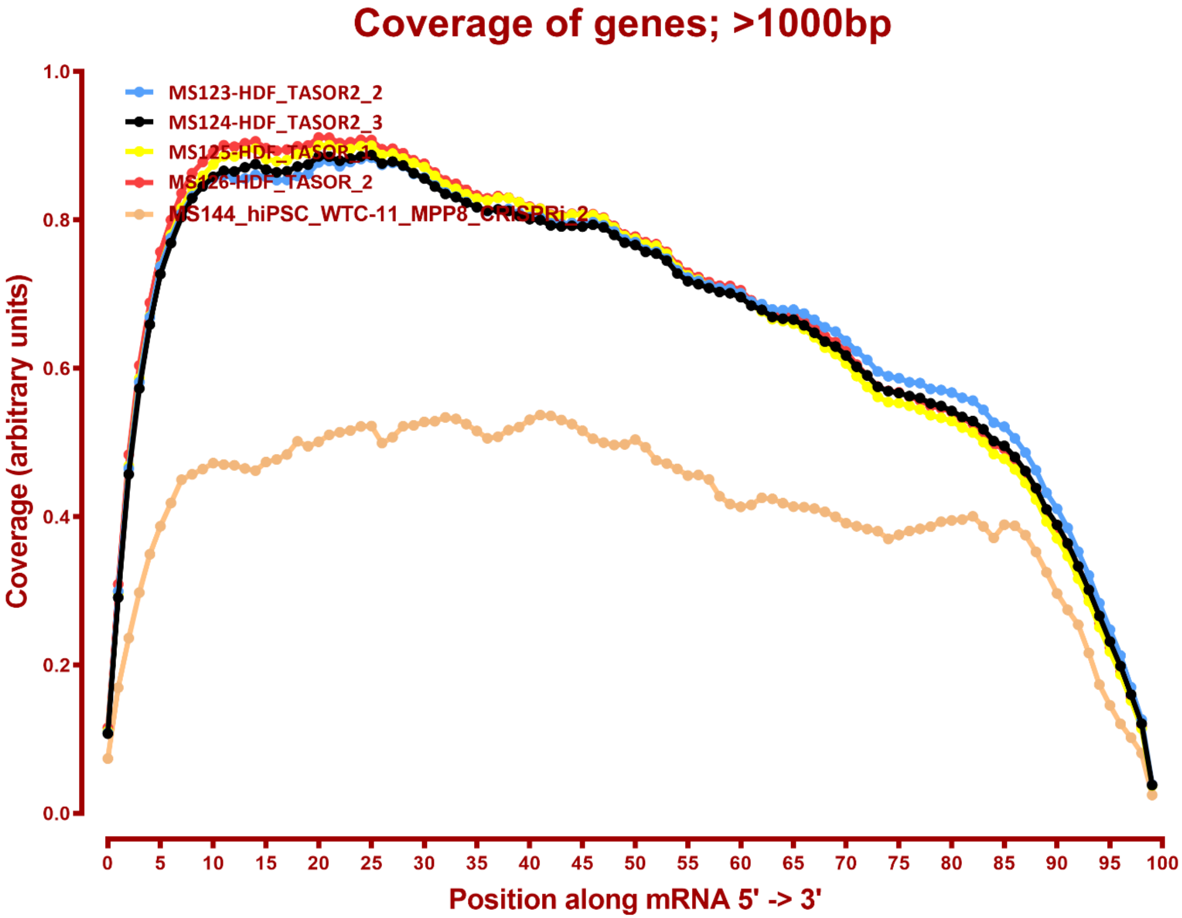

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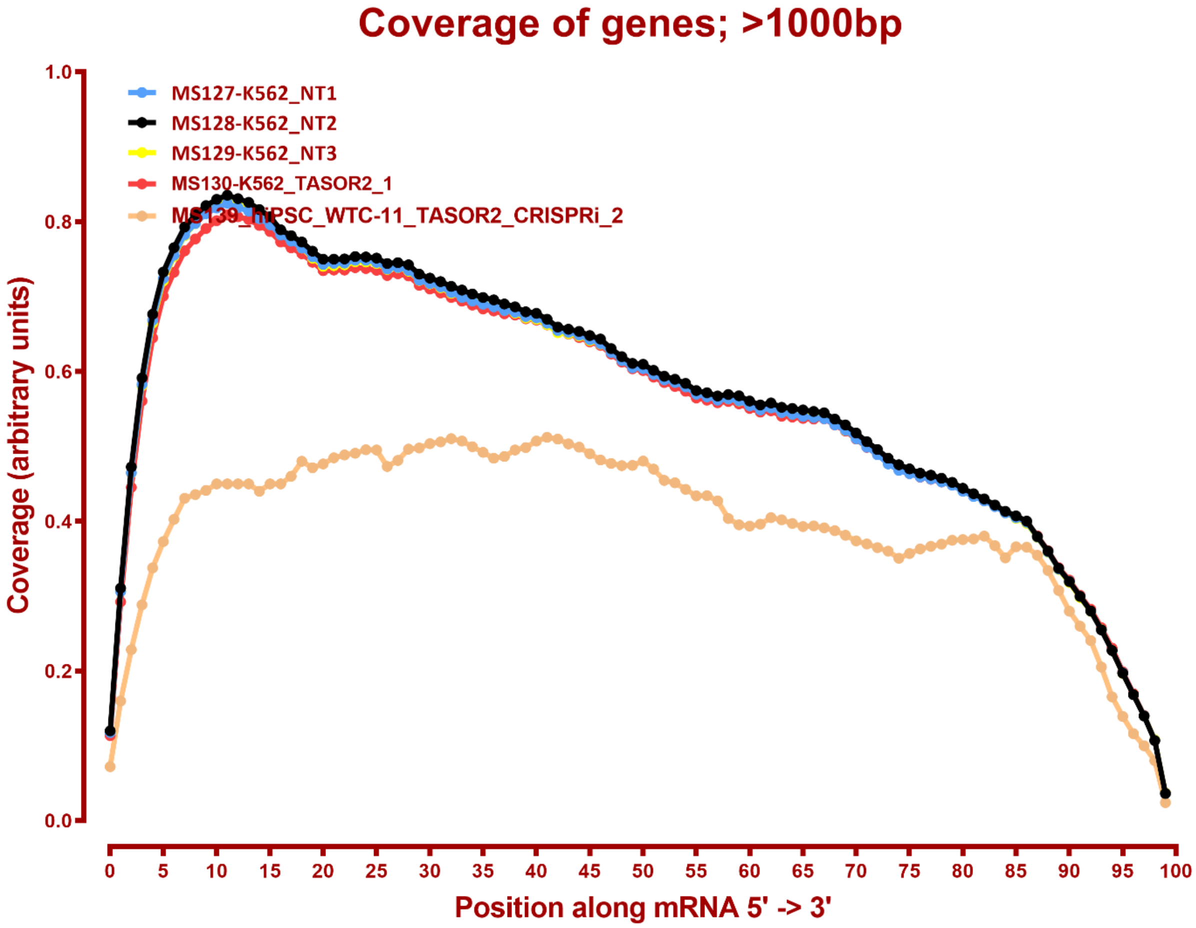

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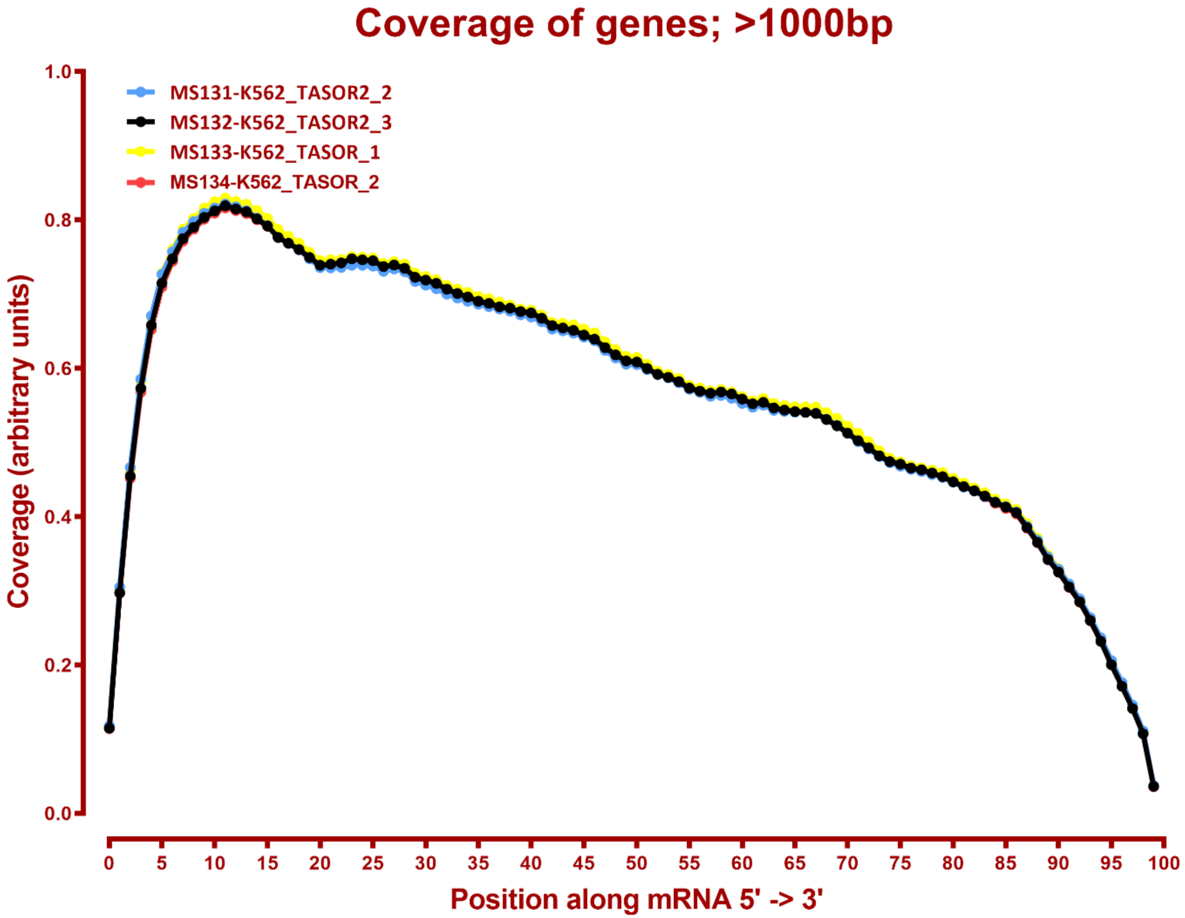


RSEM refSeq T2T

Number differential genes

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
HDF_NT	**HDF_TASOR2**	5	6	410	437
HDF_NT	**HDF_TASOR**	673	891	1,753	2,020
HDF_TASOR	**HDF_TASOR2**	961	641	2,059	1,659
K562_NT	**K562_TASOR2**	121	18	548	415
K562_NT	**K562_TASOR**	4	2	520	379
K562_TASOR	**K562_TASOR2**	98	53	484	664

RSEM refSeq hg38

Number differential genes

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
HDF_NT	**HDF_TASOR2**	5	3	339	397
HDF_NT	**HDF_TASOR**	666	910	1,635	1,952
HDF_TASOR	**HDF_TASOR2**	941	639	1,956	1,628
K562_NT	**K562_TASOR2**	125	17	524	379
K562_NT	**K562_TASOR**	4	2	461	316
K562_TASOR	**K562_TASOR2**	106	54	462	618

eXpress refSeq T2T

Number differential genes

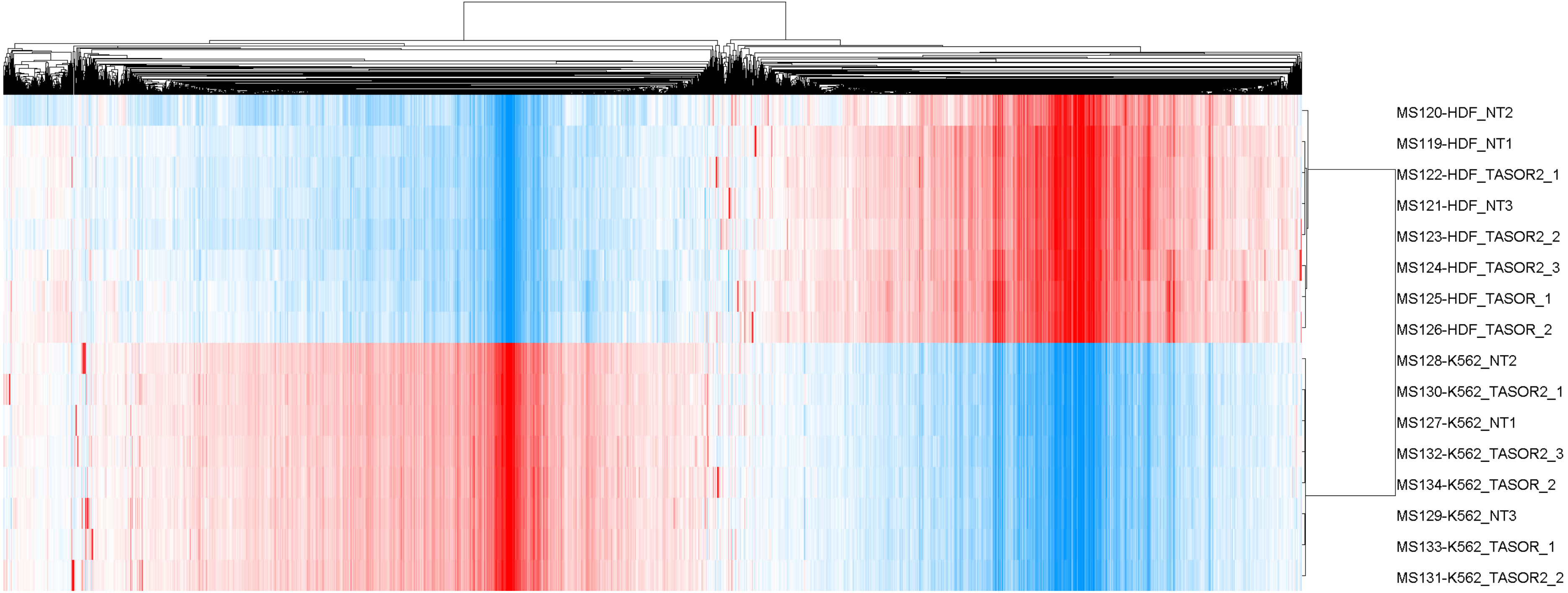
A	B	p-adj		p-val	
		up in B vs A	down in B vs A	up in B vs A	down in B vs A
HDF_NT	**HDF_TASOR2**	8	10	499	586
HDF_NT	**HDF_TASOR**	369	534	1,341	1,637
HDF_TASOR	**HDF_TASOR2**	497	284	1,535	1,162
K562_NT	**K562_TASOR2**	59	21	567	455
K562_NT	**K562_TASOR**	9	4	509	401
K562_TASOR	**K562_TASOR2**	44	24	503	565

eXpress refSeq hg38

Number differential genes

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
HDF_NT	**HDF_TASOR2**	1	4	361	453
HDF_NT	**HDF_TASOR**	439	592	1,372	1,611
HDF_TASOR	**HDF_TASOR2**	572	388	1,474	1,230
K562_NT	**K562_TASOR2**	68	12	459	327
K562_NT	**K562_TASOR**	4	4	452	326
K562_TASOR	**K562_TASOR2**	42	19	394	439

RSEM refSeq T2T



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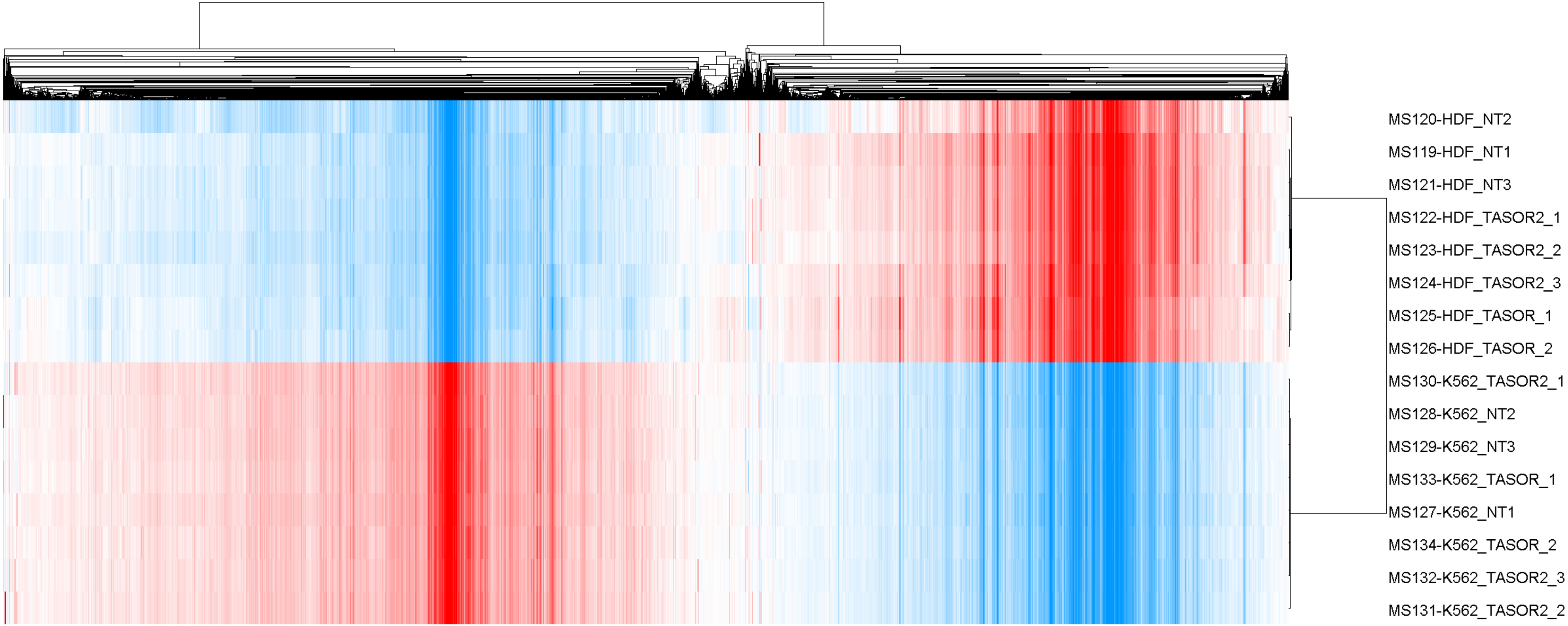
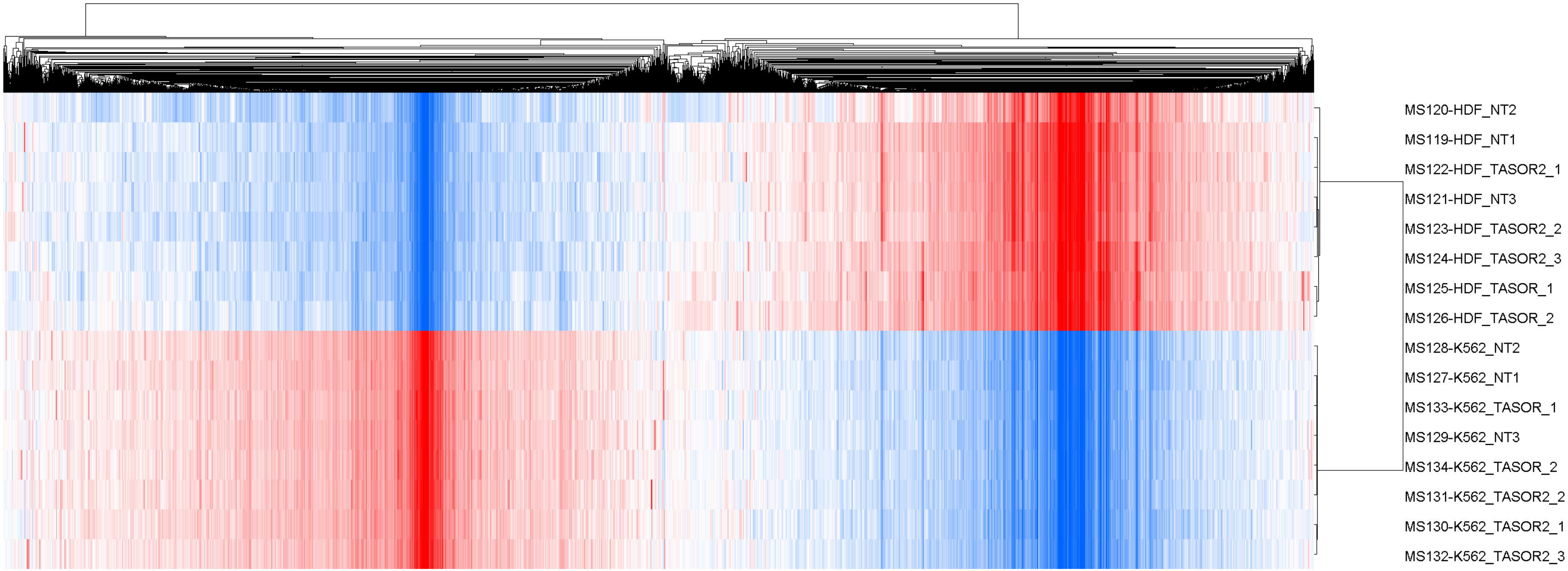


eXpress refSeq T2T



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