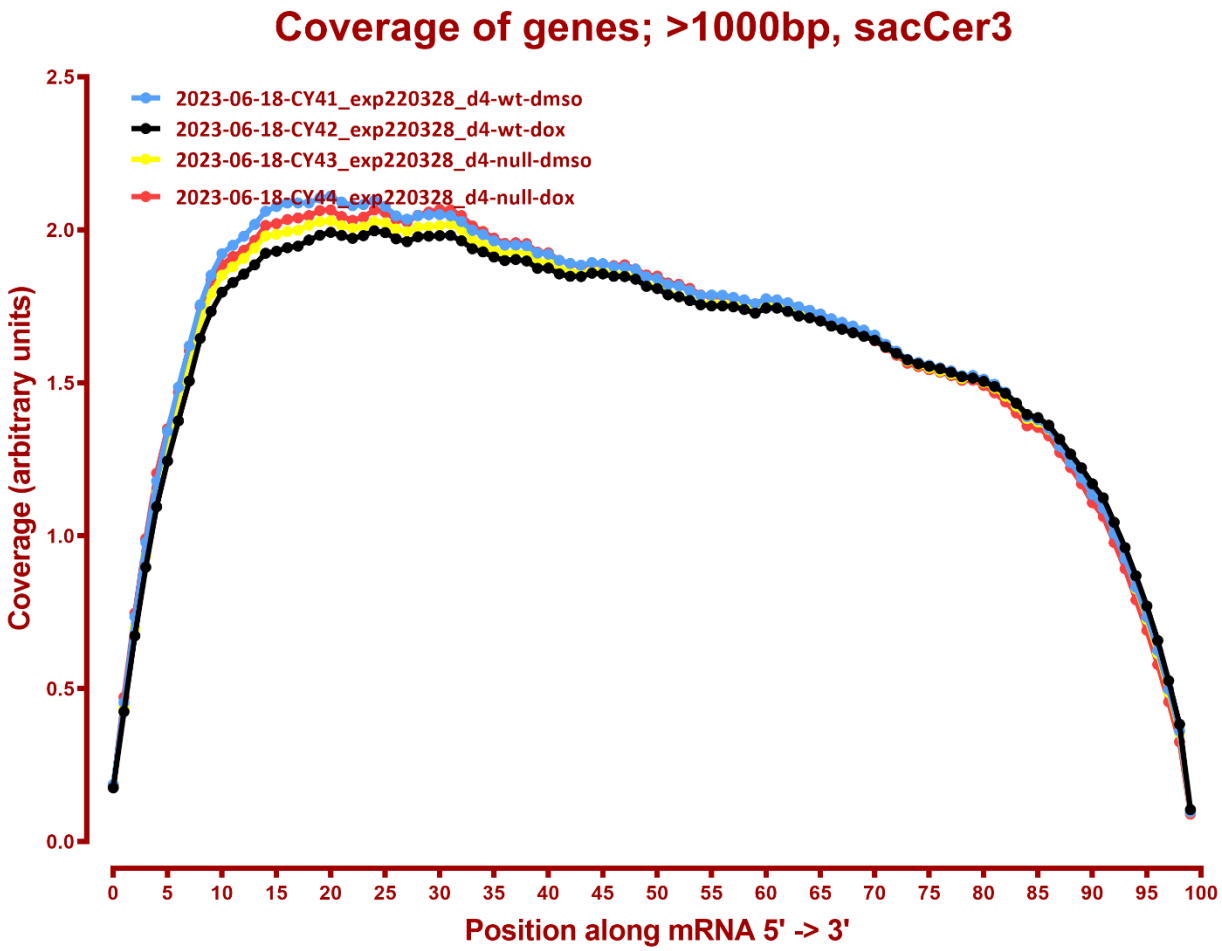
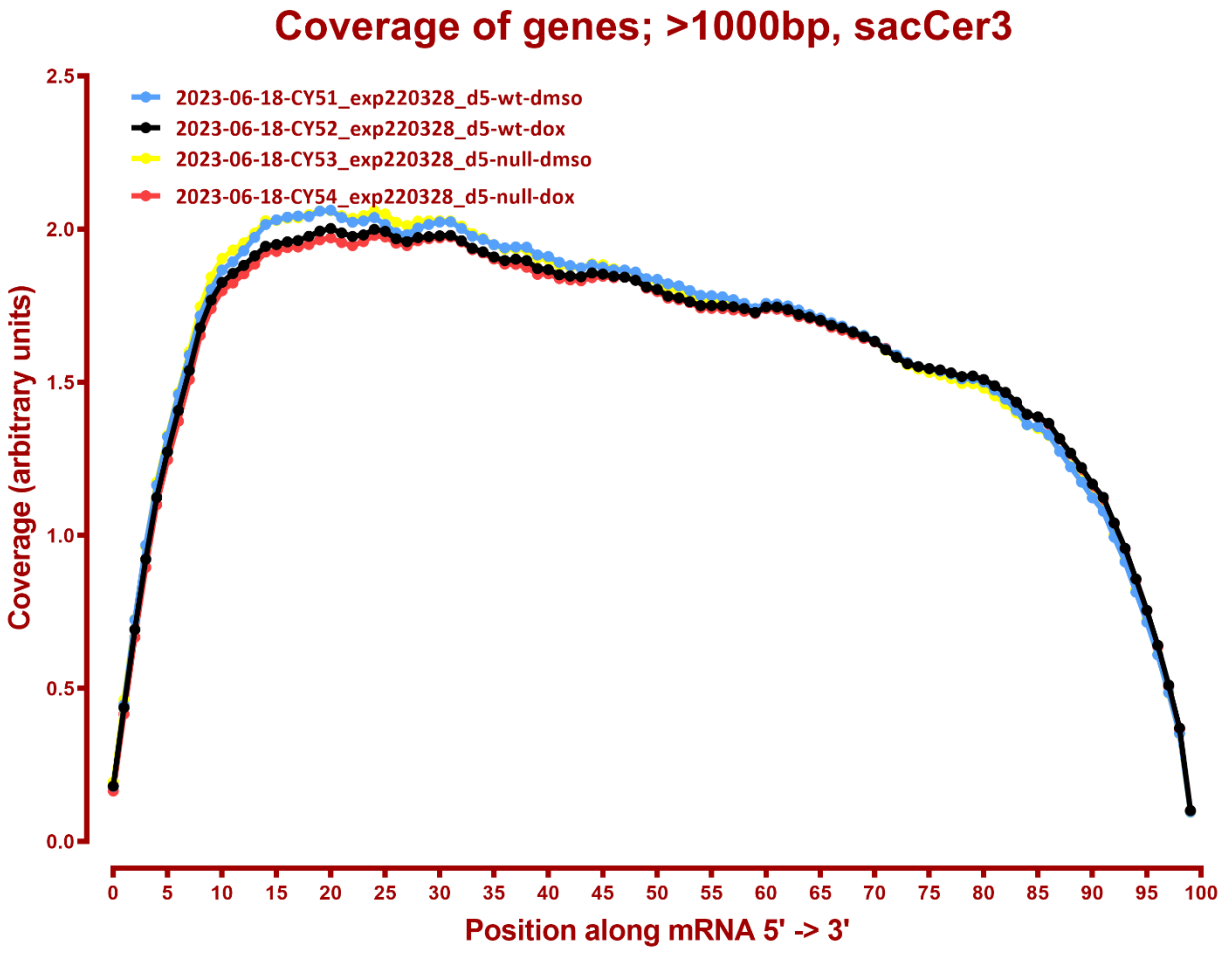
MAPPING STATS

Library	Read Length	Mapping	Species	Raw fragments	Complexity	Unique	Unique Splices	Multi	Multi Splices	Fraction mapped
2023-06-18+2022-08-27-CY41_exp220328_d4-wt-dmso	**2x150**	STAR-2.5.3a	**hg38**	73,641,476	0.35	70,975,318	57,007,664	9,709,915	4,144,423	0.96
2023-06-18+2022-08-27-CY42_exp220328_d4-wt-dox	**2x150**	STAR-2.5.3a	**hg38**	69,190,006	0.36	65,657,639	53,067,535	10,426,809	3,885,005	0.96
2023-06-18+2022-08-27-CY43_exp220328_d4-null-dmso	**2x150**	STAR-2.5.3a	**hg38**	68,968,036	0.32	66,925,769	54,947,623	8,344,496	3,924,404	0.97
2023-06-18+2022-08-27-CY44_exp220328_d4-null-dox	**2x150**	STAR-2.5.3a	**hg38**	63,467,098	0.31	60,952,115	50,188,877	8,472,899	3,541,593	0.97
2023-06-18+2022-08-27-CY51_exp220328_d5-wt-dmso	**2x150**	STAR-2.5.3a	**hg38**	61,609,040	0.36	61,075,813	50,148,631	3,402,204	3,487,936	0.96
2023-06-18+2022-08-27-CY52_exp220328_d5-wt-dox	**2x150**	STAR-2.5.3a	**hg38**	62,877,966	0.33	59,913,618	48,158,678	9,496,819	3,406,965	0.96
2023-06-18+2022-08-27-CY53_exp220328_d5-null-dmso	**2x150**	STAR-2.5.3a	**hg38**	62,830,910	0.29	62,949,077	51,113,879	4,391,580	3,444,640	0.97
2023-06-18+2022-08-27-CY54_exp220328_d5-null-dox	**2x150**	STAR-2.5.3a	**hg38**	76,837,509	0.27	73,622,866	58,484,266	12,167,445	4,360,395	0.97
2023-06-18-CY41_exp220328_d4-wt-dmso	**2x150**	STAR-2.5.3a	**hg38**	32,633,892	0.44	28,809,852	24,042,858	7,692,645	1,740,119	0.95
2023-06-18-CY42_exp220328_d4-wt-dox	**2x150**	STAR-2.5.3a	**hg38**	31,082,398	0.48	27,509,501	22,449,731	8,573,884	1,641,338	0.97
2023-06-18-CY43_exp220328_d4-null-dmso	**2x150**	STAR-2.5.3a	**hg38**	31,666,306	0.41	28,872,507	24,631,621	6,364,271	1,740,447	0.97
2023-06-18-CY44_exp220328_d4-null-dox	**2x150**	STAR-2.5.3a	**hg38**	31,075,431	0.41	28,027,180	23,503,486	6,879,688	1,647,978	0.97
2023-06-18-CY51_exp220328_d5-wt-dmso	**2x150**	STAR-2.5.3a	**hg38**	25,109,186	0.44	24,573,361	20,050,807	1,456,264	1,310,992	0.94
2023-06-18-CY52_exp220328_d5-wt-dox	**2x150**	STAR-2.5.3a	**hg38**	32,420,377	0.40	29,920,009	24,503,821	6,870,981	1,718,899	0.97
2023-06-18-CY53_exp220328_d5-null-dmso	**2x150**	STAR-2.5.3a	**hg38**	27,407,594	0.42	27,135,375	23,188,631	1,261,083	1,499,017	0.97
2023-06-18-CY54_exp220328_d5-null-dox	**2x150**	STAR-2.5.3a	**hg38**	42,076,928	0.37	38,765,688	31,190,266	9,019,557	2,387,943	0.97

#	Exonic:	Intergenic:	Intronic:
2023-06-18+2022-08-27-CY41_exp220328_d4-wt-dmso	0.94	0.01	0.05
2023-06-18+2022-08-27-CY42_exp220328_d4-wt-dox	0.94	0.01	0.05
2023-06-18+2022-08-27-CY43_exp220328_d4-null-dmso	0.94	0.01	0.05
2023-06-18+2022-08-27-CY44_exp220328_d4-null-dox	0.95	0.01	0.04
2023-06-18+2022-08-27-CY51_exp220328_d5-wt-dmso	0.94	0.01	0.05
2023-06-18+2022-08-27-CY52_exp220328_d5-wt-dox	0.94	0.01	0.05
2023-06-18+2022-08-27-CY53_exp220328_d5-null-dmso	0.94	0.01	0.05
2023-06-18+2022-08-27-CY54_exp220328_d5-null-dox	0.95	0.01	0.04
2023-06-18-CY41_exp220328_d4-wt-dmso	0.93	0.01	0.05
2023-06-18-CY42_exp220328_d4-wt-dox	0.94	0.01	0.05
2023-06-18-CY43_exp220328_d4-null-dmso	0.95	0.01	0.04
2023-06-18-CY44_exp220328_d4-null-dox	0.94	0.01	0.04
2023-06-18-CY51_exp220328_d5-wt-dmso	0.93	0.01	0.06
2023-06-18-CY52_exp220328_d5-wt-dox	0.94	0.01	0.05
2023-06-18-CY53_exp220328_d5-null-dmso	0.94	0.01	0.05
2023-06-18-CY54_exp220328_d5-null-dox	0.94	0.01	0.04

COVERAGE


Coverage of genes; >1000bp, sacCer3
2023-06-18-CY41_exp220328_d4-wt-dmso
2023-06-18-CY42_exp220328_d4-wt-dox
2023-06-18-CY43_exp220328_d4-null-dmso
2023-06-18-CY44_exp220328_d4-null-dox
Coverage (arbitrary units)
2.5
2.0
1.5
1.0
0.5
0.0
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100
Position along mRNA 5' -> 3'


Coverage of genes; >1000bp, sacCer3
2023-06-18-CY51_exp220328_d5-wt-dmso
2023-06-18-CY52_exp220328_d5-wt-dox
2023-06-18-CY53_exp220328_d5-null-dmso
2023-06-18-CY54_exp220328_d5-null-dox
Coverage (arbitrary units)
2.5
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95
100
Position along mRNA 5' -> 3'

DESEQ SUMMARY

Number differential genes, hg38, 2023-06-18

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
null-dmso	null-dox	1,124	1,271	1,926	2,054
wt-dmso	null-dmso	1,410	1,270	2,228	2,169
wt-dmso	null-dox	2,797	2,811	3,516	3,472
wt-dmso	wt-dox	1,077	964	1,899	1,867
wt-dox	null-dmso	30	15	547	476
wt-dox	null-dox	1,457	1,552	2,241	2,287

Number differential genes, hg38, 2023-06-18+2022-08-27

null-dmso	null-dox	494	572	1478	1617
wt-dmso	null-dmso	44	19	521	407
wt-dmso	null-dox	982	1001	1946	1965
wt-dmso	wt-dox	51	48	470	509
wt-dox	null-dmso	141	97	881	780
wt-dox	null-dox	1238	1280	2219	2293