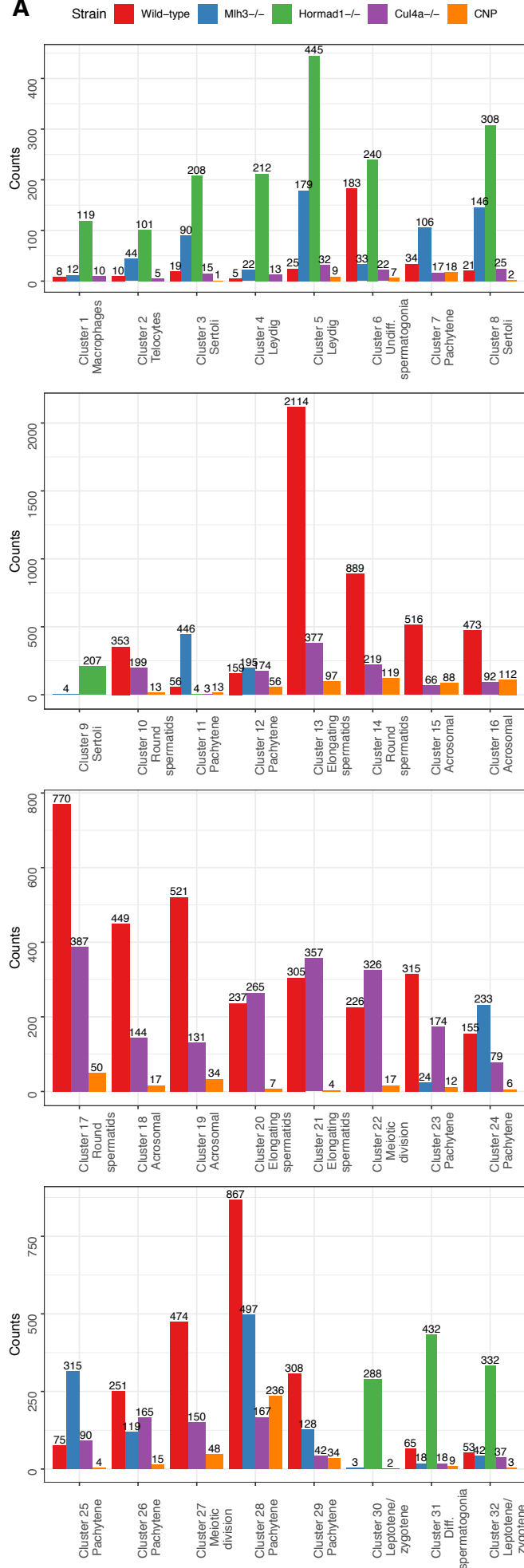


A



B

	Down-regulated	Not Significant	Up-regulated
Cluster 1	0	6584	0
Cluster 2	0	5253	0
Cluster 3	0	10114	1
Cluster 4	210	10461	23
Cluster 5	2	10408	9
Cluster 6	223	12127	166
Cluster 7	2	6916	0
Cluster 8	6	9817	13
Cluster 10	161	11259	35
Cluster 11	5	6733	3
Cluster 12	3	8966	0
Cluster 13	104	10906	4
Cluster 14	25	9082	13
Cluster 15	1	7442	1
Cluster 16	1	7121	1
Cluster 17	266	13259	22
Cluster 18	167	11123	22
Cluster 19	72	11218	7
Cluster 20	53	7686	17
Cluster 21	81	10029	21
Cluster 22	223	11965	21
Cluster 23	58	10370	33
Cluster 24	1260	11888	1
Cluster 25	162	12223	24
Cluster 26	120	11073	0
Cluster 27	6	8904	200
Cluster 28	44	10260	8
Cluster 29	10	8170	4
Cluster 31	103	10988	16
Cluster 32	697	9560	281

*Differential gene expression analysis between wild-type and mutants for clusters 9 & 30 not present here as no wild-type cells are found in these clusters.