

Dataset name	Description	Hi-C protocol	Total reads	Mapped reads	Mapped reads no duplicates	Cis reads	Trans reads	%mapped reads=(mapped reads/total reads)*100	%cis= cis/( cis +trans) *100	Cis with clusters	Trans with clusters	%cis= cis with clusters/( cis with clusters + trans with clusters) *100
cD1plus-R1	Coccolid-enriched clone D1, replicate 1	Hi-C, Formaldehyde	423609808	238213087	205456470	125223532	80232938	56.23408205	60.9489358	154045731	51410739	74.97730833
cD1plus-R2	Coccolid-enriched clone D1, replicate 2	Hi-C, Formaldehyde	60317803	32152795	29705286	18843176	10862110	53.30564676	63.43374711	23018569	6686717	77.48980771
cD3plus-R1	Coccolid-enriched clone D3, replicate 1	Hi-C, Formaldehyde	433876802	246364306	222039372	122267184	99772188	56.78208765	55.06554216	150350997	71688375	67.71366521
cD3plus-R2	Coccolid-enriched clone D3, replicate 2	Hi-C, Formaldehyde	112063621	59870072	55105706	34787525	20318181	53.4250736	63.12871665	42467354	12638352	77.06525709
cD4plus-R1	Coccolid-enriched clone D4, replicate 1	Hi-C, Formaldehyde	153228204	81531339	65944446	41103362	24841084	53.20909393	62.33028631	47741713	18202733	72.39686721
cD4plus-R2	Coccolid-enriched clone D4, replicate 2	Hi-C, Formaldehyde	102836314	53689789	49636960	29920518	19716442	52.20897844	60.27870764	35295210	14341750	71.10671161
cD7plus-R1	Coccolid-enriched clone D7, replicate 1	Hi-C, Formaldehyde	1044545804	539447358	45354589	292590848	160943741	51.64420324	64.51345831	335703538	117831051	74.01939039
cD7plus-R2	Coccolid-enriched clone D7, replicate 2	Hi-C, Formaldehyde	131049930	63625913	60188637	30747957	29440680	48.5508943	51.08598322	36689332	23499305	60.95724015
mD1plus-R1	Mastigote-enriched clone D1, replicate 1	Hi-C, Formaldehyde	438083614	248441122	212455048	127623466	84831582	56.71089127	60.07080896	145577451	66877597	68.52153073
mD1plus-R2	Mastigote-enriched clone D1, replicate 2	Hi-C, Formaldehyde	111163367	59313273	53635519	33383308	20252211	53.35685181	62.2410459	37977962	15657557	70.80748487
mD3plus-R1	Mastigote-enriched clone D3, replicate 1	Hi-C, Formaldehyde	431351966	244286936	212162342	129122243	83040099	56.63285559	60.8601139	145601670	66560672	68.62748055
mD3plus-R2	Mastigote-enriched clone D3, replicate 2	Hi-C, Formaldehyde	94659711	50327532	45715064	26941089	18773975	53.16679236	58.93262886	31076664	14638400	67.97904516
mD4plus-R1	Mastigote-enriched clone D4, replicate 1	Hi-C, Formaldehyde	147844827	79941283	65430634	39952599	25478035	54.0710721	61.06099935	44505472	20925162	68.01931951
mD4plus-R2	Mastigote-enriched clone D4, replicate 2	Hi-C, Formaldehyde	105026590	54425115	49737107	30090851	19646256	51.82031998	60.49980149	34027084	15710023	68.4138786
mD7plus-R1	Mastigote-enriched clone D7, replicate 1	Hi-C, Formaldehyde	1045963163	555800936	458407574	276113714	182293860	53.13771609	60.23323559	322135079	136272495	70.2726345
mD7plus-R2	Mastigote-enriched clone D7, replicate 2	Hi-C, Formaldehyde	105107328	50240710	47428247	20900537	26527710	47.79943602	44.06769873	24592264	22835983	51.85151372
DSG-cD4plus-R1	Coccolid-enriched clone D4, replicate 3	Hi-C, Formaldehyde+ DSG	277141749	140132003	122269811	72937076	49332735	50.56329604	59.65256297	87350678	34919133	71.44092011