

Table S3. Genomic coordinates of topologically associating domains within the studied region.

Cell type	γ value	Genomic bins recognized as boundaries															
DT40	0.08	0	11	12	50	52	65	66	72	73	76	77	82	83	91		
	0.09	0	11	12	50	52	65	66	72	73	76	77	82	83	91		
	0.1	0	11	12	50	52	65	66	72	73	76	77	82	83	91		
	0.11	0	11	12	50	52	65	66	72	73	76	77	82	83	91		
	0.12	0	11	12	50	52	65	66	72	73	76	77	82	83	91		
	0.13	0	11	12	50	52	65	66	72	73	76	77	82	83	91		
	0.14	0	11	12	50	52	65	66	72	73	76	77	82	83	91		
	0.15	0	11	12	50	52	65	66	72	73	76	77	82	83	91		
	0.16	0	11	12	50	52	65	66	72	73	76	77	82	83	91		
	0.17	0	11	12	50	52	65	66	72	73	76	77	82	83	91		
	0.18	0	11	12	50	52	65	66	72	73	76	77	82	83	91		
	0.19	0	11	12	50	52	65	66	72	73	76	77	82	83	91		
	0.2	0	11	12	50	52	65	66	72	73	76	77	82	83	91		
	0.21	0	11	12	50	52	65	66	72	73	76	77	82	83	91		
	0.22	0	11	12	50	52	65	66	72	73	76	77	82	83	91		
	0.23	0	11	12	50	52	65	66	72	73	76	77	82	83	91		
	0.24	0	11	12	50	52	65	66	72	73	76	77	82	83	91		
	0.25	0	11	12	50	52	65	66	72	73	76	77	82	83	91		
HD3pr	0.08	0	11	12	51	53	57	58	63	64	67	68	72	73	82	83	91
	0.09	0	11	12	51	53	57	58	63	64	67	68	72	73	82	83	91
	0.1	0	11	12	51	53	57	58	63	64	67	68	72	73	82	83	91
	0.11	0	11	12	51	53	57	58	63	64	67	68	72	73	82	83	91
	0.12	0	11	12	51	53	57	58	63	64	67	68	72	73	82	83	91
	0.13	0	11	12	51	53	57	58	63	64	67	68	72	73	82	83	91
	0.14	0	11	12	51	53	57	58	63	64	67	68	72	73	82	83	91
	0.15	0	11	12	51	53	57	58	63	64	67	68	72	73	82	83	91
	0.16	0	11	12	51	53	57	58	63	64	67	68	72	73	82	83	91
	0.17	0	11	12	51	53	57	58	63	64	67	68	72	73	82	83	91
	0.18	0	11	12	51	53	57	58	63	64	67	68	72	73	82	83	91
	0.19	0	11	12	51	53	57	58	63	64	67	68	72	73	82	83	91
	0.2	0	11	12	51	53	57	58	63	64	67	68	72	73	82	83	91
	0.21	0	11	12	51	53	57	58	63	64	67	68	72	73	82	83	91
	0.22	0	11	12	51	53	57	58	63	64	67	68	72	73	82	83	91
	0.23	0	11	12	51	53	57	58	63	64	67	68	72	73	82	83	91
	0.24	0	11	12	51	53	57	58	63	64	67	68	72	73	82	83	91
	0.25	0	11	12	51	53	57	58	63	64	67	68	72	73	82	83	91
HD3dif	0.0	0	11	12	51	52	58	59	67	68	72	73	82	83	91		
	0.01	0	11	12	51	52	58	59	67	68	72	73	82	83	91		
	0.02	0	11	12	51	52	58	59	67	68	72	73	82	83	91		
	0.03	0	11	12	51	52	58	59	67	68	72	73	82	83	91		
	0.04	0	11	12	51	52	58	59	67	68	72	73	82	83	91		
	0.05	0	11	12	51	52	58	59	67	68	72	73	82	83	91		
	0.06	0	11	12	51	52	58	59	67	68	72	73	82	83	91		
	0.07	0	11	12	51	52	58	59	67	68	72	73	82	83	91		
	0.08	0	11	12	50	52	58	59	67	68	72	73	82	83	91		

0.09	0	11	12	50	52	58	59	67	68	72	73	82	83	91
0.1	0	11	12	50	52	58	59	67	68	72	73	82	83	91
0.11	0	11	12	50	52	58	59	67	68	72	73	82	83	91
0.12	0	11	12	50	52	58	59	67	68	72	73	82	83	91
0.13	0	11	12	50	52	58	59	67	68	72	73	82	83	91
0.14	0	11	12	50	52	58	59	67	68	72	73	82	83	91
0.15	0	11	12	50	52	58	59	67	68	72	73	82	83	91
0.16	0	11	12	50	52	58	59	67	68	72	73	82	83	91
0.17	0	11	12	50	52	58	59	67	68	72	73	82	83	91
0.18	0	11	12	50	52	58	59	67	68	72	73	82	83	91
0.19	0	11	12	49	52	58	59	67	68	72	73	82	83	91
0.2	0	11	12	49	52	58	59	67	68	72	73	82	83	91
0.21	0	11	12	49	52	58	59	67	68	72	73	82	83	91
0.22	0	11	12	49	52	58	59	67	68	72	73	82	83	91
0.23	0	11	12	49	52	58	59	67	68	72	73	82	83	91
0.24	0	11	12	49	52	58	59	67	68	72	73	82	83	91
0.25	0	11	12	49	52	58	59	67	68	72	73	82	83	91