

pA site (strand)	Usage (normalized to million mapped reads)				Fold (lytic /latent)
	Latent	Lytic	Latent (log10)	Lytic (log10)	
2972 (+)	24.0	620.1	1.4	2.8	25.8
7032 (+)	13.2	1343.9	1.1	3.1	102.1
17073 (+)	125.3	7620.5	2.1	3.9	60.8
25116 (+)	42.3	1655.6	1.6	3.2	39.2
25192 (+)	1.9	172.5	0.3	2.2	92.8
25441 (+)	267.4	18036.1	2.4	4.3	67.5
28925 (+)	0.7	216.8	-0.1	2.3	292.6
29277 (+)	0.2	177.9	-0.8	2.3	1022.3
29740 (+)	6953.2	1433608.0	3.8	6.2	206.2
30749 (+)	1.7	360.5	0.2	2.6	217.7
33455 (+)	0.7	133.8	-0.2	2.1	204.7
39329 (+)	1.8	577.5	0.3	2.8	315.7
48779 (+)	38.4	1714.7	1.6	3.2	44.6
54095 (+)	4.0	733.2	0.6	2.9	184.1
58875 (+)	16.8	6122.5	1.2	3.8	364.1
62559 (+)	8.3	543.0	0.9	2.7	65.4
67318 (+)	0.7	345.6	-0.2	2.5	528.7
76738 (+)	376.7	10554.8	2.6	4.0	28.0
78708 (+)	1.9	467.7	0.3	2.7	249.5
78777 (+)	14.2	1498.4	1.2	3.2	105.2
83636 (+)	31.2	10446.8	1.5	4.0	335.1
111911 (+)	2.1	354.6	0.3	2.5	169.5
117421 (+)	4.3	1803.5	0.6	3.3	417.3
130545 (+)	14.4	1573.9	1.2	3.2	109.6
10572 (-)	0.1	17.1	-0.9	1.2	130.8
17181 (-)	1698.7	12517.2	3.2	4.1	7.4
17227 (-)	1.3	19.3	0.1	1.3	15.3
18593 (-)	40.0	5192.5	1.6	3.7	129.7
21326 (-)	100.6	16508.6	2.0	4.2	164.0
25547 (-)	106.1	2244.3	2.0	3.4	21.2
26892 (-)	39.9	2813.6	1.6	3.4	70.4
29376 (-)	0.1	24.3	-1.1	1.4	279.4
29447 (-)	6.5	845.1	0.8	2.9	129.4
29516 (-)	13.0	1935.8	1.1	3.3	148.7
29558 (-)	13.2	2787.1	1.1	3.4	210.5
29615 (-)	0.6	80.8	-0.2	1.9	132.4
30741 (-)	14.1	3954.3	1.2	3.6	279.9
32518 (-)	0.1	37.9	-1.1	1.6	435.7
36119 (-)	0.0	58.4	N/A	1.8	N/A
39229 (-)	1.4	787.1	0.1	2.9	582.8
49344 (-)	1.1	93.0	0.0	2.0	84.7
55654 (-)	0.0	64.1	N/A	1.8	N/A
58884 (-)	10.0	3366.9	1.0	3.5	335.3
62410 (-)	3.1	516.7	0.5	2.7	164.8
67323 (-)	150.7	6855.3	2.2	3.8	45.5
71615 (-)	70.6	778.3	1.8	2.9	11.0
73485 (-)	15.4	62.6	1.2	1.8	4.1
74635 (-)	0.5	46.2	-0.3	1.7	96.3
76706 (-)	23.6	2835.3	1.4	3.5	120.0
78704 (-)	4.5	1519.2	0.7	3.2	334.5
83787 (-)	126.4	3401.4	2.1	3.5	26.9
83844 (-)	0.5	27.4	-0.3	1.4	50.6
86005 (-)	26.9	1184.8	1.4	3.1	44.1
89372 (-)	101.9	547.3	2.0	2.7	5.4
89516 (-)	6.5	164.1	0.8	2.2	25.1
91750 (-)	9.4	252.8	1.0	2.4	27.0
91873 (-)	0.2	34.7	-0.8	1.5	199.3
94467 (-)	109.5	19767.1	2.0	4.3	180.6
98274 (-)	0.1	187.3	-0.9	2.3	1432.4
111807 (-)	18.5	4517.8	1.3	3.7	243.8
117430 (-)	386.5	49585.8	2.6	4.7	128.3
117868 (-)	2.4	1228.1	0.4	3.1	503.9
118012 (-)	0.6	188.5	-0.2	2.3	309.3
118032 (-)	1.2	44.2	0.1	1.6	37.7
118087 (-)	1.3	254.6	0.1	2.4	195.0
122069(-)	200.5	429.7	2.3	2.6	2.1
130492 (-)	50.1	201.0	1.7	2.3	4.0
Total	11303.20	1648659.57			145.86

Table S6