#Pass Reads

	Ala-AGC	Ala-TGC	Arg-ACG	Arg-CCG	Arg-CCT	Arg-TCT	Asn-GTT	Asp-GTC	Cys-GCA	Gln-CTG	Gln-TTG	Glu-CTC	Glu-TTC	Gly-CCC	Gly-GCC	Gly-TCC	His-GTG	Ile-AAT	Ile-TAT	iMet-CAT	Leu-CAA	Leu-GAG	Leu-TAA	Leu-TAG	Lys-CTT	Lys-TTT	Met-CAT	Phe-GAA	Pro-AGG	Pro-TGG	Ser-AGA	Ser-CGA	Ser-GCT	Ser-TGA	Thr-AGT	Thr-CGT	Thr-TGT	Trp-CCA	Tyr-GTA	Val-AAC	Val-CAC	Val-TAC
After	6689	2559	5775	604	0	2914	0	31413	6189	75669	202	1674	7567	181	25049	398	4887	0	0	0	27641	861	7360	120	0	0	0	0	147	0	24127	4	2492	12	0	0	0	1	0	4370	536	590
Before	138	205	423	260	1	23	0	9264	405	129	57	42	100	28	440	13	425	0	0	0	2453	3	147	4	2	0	0	1	2	0	1572	1	38	7	0	0	0	2	0	14	43	3

log2(N+1)