

1 Supplementary Table 2. Number in millions of mapped QC passed reads. Values were  
 2 quantified using “samtools flagstat” and rounded down to the next million.  
 3

	CEMT_40	CEMT_41	CEMT_42	CEMT_43	CEMT_44	CEMT_45	CEMT_86	CEMT_87
DNA Input	53	55	49	57	42	52	170	186
H3K4me1	60	63	41	47	62	55	104	124
H3K4me3	34	58	42	26	46	53	98	80
H3K27ac	91	56	51	55	65	58	55	47
H3K36me3	43	47	62	60	55	54	126	113
H3K9me3	64	49	39	41	39	42	109	105
H3K27me3	40	49	50	38	64	48	126	112
RNA-seq	199	263	206	281	298	251	199	180
Bisulfite-seq	1225	1088	1403	1104	1336	1215	1209	1334
WGSS	1109	1128	1178	1127	1146	1131	953	970

4