

Supplementary Table 2.

hESC		Bisulfite-Seq data							
		M	M_P	P	U_P	U	not covered by Bisulfite-Seq		
Methyl 27K data	M	3248	961	461	111	305	1598		
	M_P	429	210	203	96	136	350		
	P	129	104	196	192	292	230		
	U_P	74	39	166	270	687	248		
	U	51	14	85	230	14184	2019		
	not covered by Methyl27K	13464760	2730393	2749820	2783742	258417844			

Total #CpGs on Methyl27K Array	27318
#CpG on Methyl27K Array also covered by Bisulfite-Seq	22873
%CpGs on Methyl27K Array also covered by Bisulfite-Seq	83.73%
Total #Cs covered by Bisulfite-Seq	280169432
#Cs covered by Bisulfite-Seq also covered by Methyl27K Array	22873
%Cs covered by Bisulfite-Seq also covered by Methyl27K Array	0.01%
#CpGs covered by both the Methyl27K array and Bisulfite-Seq	22873
#CpGs assigned to the same category	18108
%covered CpGs assigned to the same category	79.17%

hESC-Fibro		Bisulfite-Seq data							
		M	M	P	P	U	U	not covered by Bisulfite-Seq	
Methyl 27K data	M	2335	215	116	32	109	1154		
	M_P	692	173	108	29	88	431		
	P	530	182	150	85	138	453		
	U_P	369	157	185	161	354	468		
	U	544	243	454	764	13648	2951		
	not covered by Methyl27K	12207941	1680959	1665408	1240620	234514114			