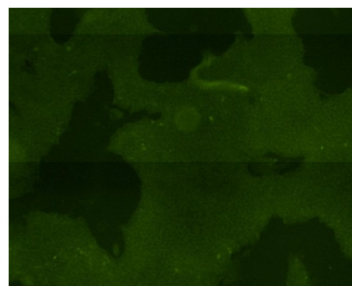
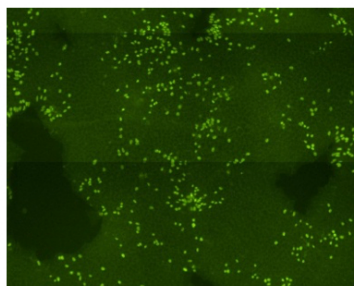
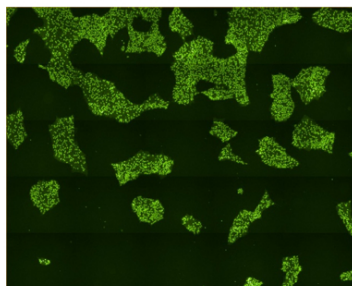
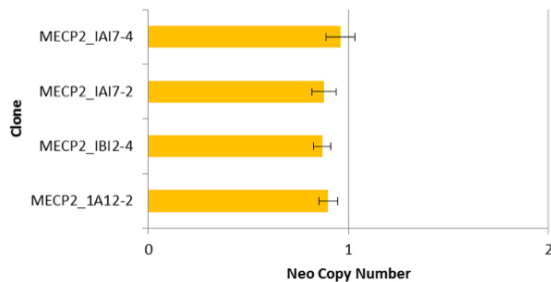


A**Before ZFN****After ZFN****After clonal selection****MECP2****MECP2^{+/-} hESCs****MECP2^{-/-} hESCs****B**

ddPCR quantification of cassette insertion #

**C**

Clone	Assay	Copy Number	Poisson error (relative)	Neo copies per haploid genome	Error
MECP2 1A12-2	Neo-FAM	241	0.037	0.9	0.048
MECP2 1A12-2	RPPH1-VIC	538	0.030		
MECP2 IBI2-4	Neo-FAM	320	0.034	0.87	0.043
MECP2 IBI2-4	RPPH1-VIC	737	0.026		
MECP2_IAI7-2	Neo-FAM	159	0.050	0.88	0.060
MECP2_IAI7-2	RPPH1-VIC	361	0.033		
MECP2_IAI7-4	Neo-FAM	96.2	0.060	0.96	0.072
MECP2_IAI7-4	RPPH1-VIC	201	0.040		

D**WT NPCs****MECP2^{-/-} NPCs****MECP2 / Nestin**