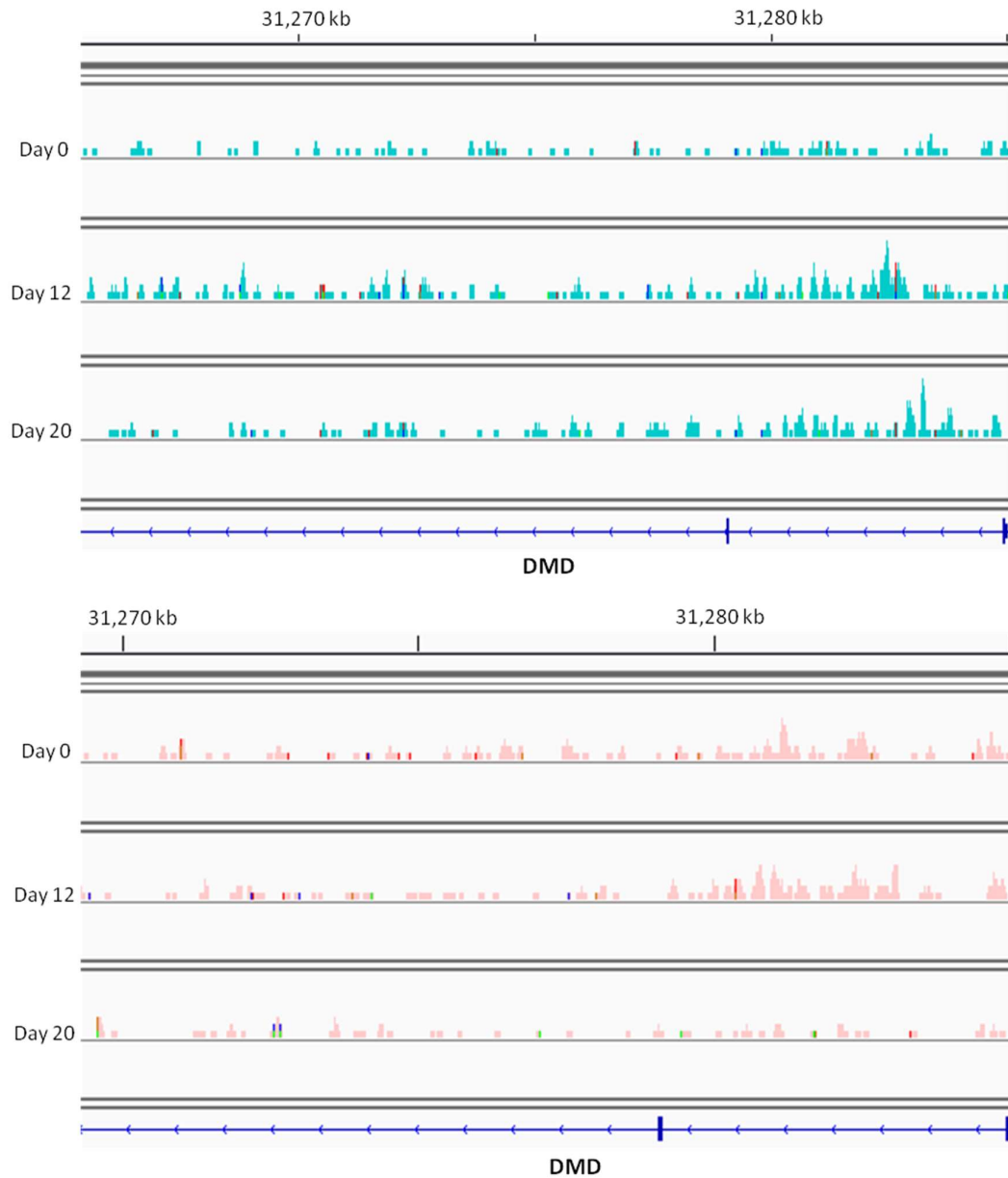


Additional File 6



ChIP sequencing showing the occupancy of H3K79me2 on the DMD gene during cardiac differentiation of KIND1 and HES3. Analysis of the ChIP sequencing data showing the occupancy of H3K79me2 methylation mark brought about by DOT1L on the DMD gene during cardiac differentiation. The results clearly show the significant peaks representing the DOT1L specific methylation mark on days 12 and 20 as compared to day 0 suggestive of its activation by DOT1L during cardiac differentiation *in vitro*.