

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Transcription factors exhibiting significant changes in H3K4me3 and/or H3K27me3 marks.

File Name: Supplementary Data 2

Description: Hallmark MTORC1 Signaling in PAX3 GOF only.

File Name: Supplementary Data 3

Description: Hallmark MYC-targets in PAX6 GOF only.

File Name: Supplementary Data 4

Description: Cluster marker genes for HDMB03, D283 and MB3W1 tumorspheres.

File Name: Supplementary Data 5

Description: Pathways associated with genes exhibiting changes in the H3K4me3 mark following OTX2 silencing.

File Name: Supplementary Data 6

Description: Pathways associated with genes exhibiting changes in the H3K27me3 mark following OTX2 silencing.

File Name: Supplementary Data 7

Description: Pathways associated with genes exhibiting changes in both the H3K4me3 and H3K27me3 marks following OTX2 silencing.

File Name: Supplementary Data 8

Description: OTX2 binding at select mTORC1/EIF4/p70S6K Pathway Genes +12 kb upstream to -2 kb downstream of their TSS.