

Supplementary Figure 1.

A.

Gene	Described Function	Protein Family
<i>Dpf3</i>	Chromatin remodeling	PHD motif
<i>Fbxl20</i>	Regulator of synaptic activity	F-box
<i>Cul5</i>	Inhibitor of cell proliferation	Cullin
<i>Kcns3</i>	Voltage gated potassium channel	BTB/POZ motif
<i>Wdr31</i>	Function unknown	WD40 motif
<i>Stam2</i>	Lysosomal targeting of receptor tyrosine kinases	Ubiquitin Interacting motif
<i>Sumo2</i>	Gata-2 regulation, chromatin biology	Small ubiquitin like modifier
<i>Fbxl16</i>	E2F1 target	F-box
<i>Amfr</i>	Tumor cell motility	RING E3 ligase
<i>Rcbtb2</i>	Guanine nucleotide exchange factor	BTB/POZ motif

B.

