

Gene Name	LOF_EVID_PMIID	LOF_Criteria	GOF_EVID_PMIID	GOF_Criteria	ChIP_EVID
<b>Esrrb</b>	16767105	FC>=2&abs(exp)>300&#P_calls>=3(literature)	NA	NA	18555785,unpublished
	19136965	Bscore>0&fc>1.5			
<b>Klf4</b>	18264089	FC>1.5&q-value<0.05(literature)	19796622	FC=1.5&FDR<=0.05	18264089, 18358810, 19030024, 18555785
<b>Myc</b>	NA	NA	19796622	FC=1.5&FDR<=0.05	18358816, 19079543, 18555785, 19030024
<b>Nanog</b>	16518401	FDR<0.001(literature)&fc>=2	19796622	FC=1.5&FDR<=0.05	16518401, 18347094, 18358816, 18692474, 18700969, 18555785
	16767105	FC>=2&abs(exp)>300&#P_calls>=3(literature)			
<b>Nr0b1</b>	19530134	FDR<11.9%_24hr_kd&FDR<13.8%_48hr_kd(literature)	19796622	FC=1.5&FDR<=0.05	18358816
<b>Pou5f1</b>	16518401	FDR<0.001(literature)&FC>=2	19796622	FC=1.5&FDR<=0.05	16518401, 18347094, 18358816, 18692474, 18700969, 18555785
	16767105	FC>=2&abs(exp)>300&#P_calls>=3(literature)			
<b>Sall4</b>	19350679	detection_call=p&FC>=2	19796622	FC=1.5&FDR<=0.05	18804426
<b>Sox2</b>	16767105	FC>=2&abs(exp)>300&#P_calls>=3(literature)	19796622	FC=1.5&FDR<=0.05	18358816, 18692474, 19030024, 18555785
	17515932	FDR <0.05&FC>1.5(literature)			
<b>Stat3</b>	NA	NA	19796622	FC=1.5&FDR<=0.11	19079543, 18555785
			19544440	literature	
<b>Tbx3</b>	16767105	FC>=2&abs(exp)>300&#P_calls>=3(literature)	NA	NA	20139965
	20139965	FDR<=0.05			
<b>Tcf3</b>	20139965	FDR<=0.05&FC>1.3	19796622	FC=1.5&FDR<=0.05	18347094, 18692474, 18467660
<b>Zfp281</b>	18757296	FDR<=0.05(literature)	NA	NA	18358816
	wanglab_unpublished	FDR<=0.05&FC>=2			
<b>Zfp42</b>	19618472	FC>=2(literature)	NA	NA	18358816
<b>Zfx</b>	17448993	Bscore>0&FC>1.5	NA	NA	18555785
<b>Jarid2</b>	20075857	FC>=2	NA	NA	20064375, 20075857

**Table S1. Literature evidence and processing methods for extraction of interactions**