



B

Sublist	Category	Term	RT	Genes	Count	%	P-Value	Benjamini
<input type="checkbox"/>	INTACT	81879:transcription factor CP2-like 1(Tfcp2l1)	RT	<div style="width: 100%; height: 10px; background-color: blue;"></div>	18	7.3	8.8E-12	2.4E-9
<input type="checkbox"/>	INTACT	217031:transcriptional adaptor 2A(Tada2a)	RT	<div style="width: 25%; height: 10px; background-color: blue;"></div>	8	3.2	4.3E-7	5.9E-5
<input type="checkbox"/>	INTACT	14534:K(lysine) acetyltransferase 2A(Kat2a)	RT	<div style="width: 25%; height: 10px; background-color: blue;"></div>	8	3.2	1.6E-5	1.4E-3
<input type="checkbox"/>	INTACT	18999:POU domain, class 5, transcription factor 1(Pou5f1)	RT	<div style="width: 25%; height: 10px; background-color: blue;"></div>	9	3.6	2.1E-3	1.3E-1
<input type="checkbox"/>	INTACT	66233:DNA methyltransferase 1-associated protein 1(Dmap1)	RT	<div style="width: 25%; height: 10px; background-color: blue;"></div>	4	1.6	2.7E-3	1.4E-1
<input type="checkbox"/>	INTACT	17187:Max protein(Max)	RT	<div style="width: 25%; height: 10px; background-color: blue;"></div>	4	1.6	3.6E-3	1.5E-1
<input type="checkbox"/>	INTACT	107951:cyclin-dependent kinase 9 (CDC2-related kinase)(Cdk9)	RT	<div style="width: 25%; height: 10px; background-color: blue;"></div>	7	2.8	4.6E-3	1.6E-1
<input type="checkbox"/>	INTACT	19045:protein phosphatase 1, catalytic subunit, alpha isoform(Ppp1ca)	RT	<div style="width: 25%; height: 10px; background-color: blue;"></div>	4	1.6	9.0E-3	2.7E-1
<input type="checkbox"/>	INTACT	19821:ring finger protein 2(Rnf2)	RT	<div style="width: 25%; height: 10px; background-color: blue;"></div>	5	2.0	9.1E-3	2.4E-1

Figure S4 Interaction analysis of specific proteins. Related to Figure 5.

(A) Tgfbr1 physically interact with 8 genes according to the analysis with DAVID Bioinformatics Resources 6.8.

(B) The protein interactions with these genes were analyzed with DAVID Bioinformatics Resources 6.8.

(C) 113 relationships were observed among Tfc211, Oct4 and 20 related genes according to the analysis with DAVID Bioinformatics Resources 6.8.