

**predicted targets downregulated > 1.5 fold with and without IL-7**

Fold Change + IL-7	Fold Change -IL-7	GENE_SYMBOL	PicTar	miRanda	PITA
0.336	0.307	Trp53inp1	X	X	X
0.389	0.368	Arid3a			X
0.419	0.429	Ceacam2		X	
0.432	0.458	Abtb1	X	X	X
0.443	0.338	Mreg		X	
0.461	0.387	Cln6		X	
0.469	0.461	Lactb	X	X	X
0.480	0.396	Ptpn18	X	X	X
0.504	0.404	Npl		X	X
0.507	0.450	Atg4d	X		X
0.526	0.547	Tube1		X	
0.531	0.412	Cyb5r4		X	
0.546	0.453	Tmem123		X	X
0.551	0.538	Cecr2		X	
0.583	0.566	Map3k11		X	X
0.583	0.571	Fam116a		X	
0.584	0.564	Mphosph6		X	
0.587	0.532	Acp1		X	
0.601	0.521	Galnt14	X	X	X
0.601	0.444	Scn2b	X	X	X
0.612	0.553	Mudeng		X	
0.614	0.581	Lbh	X	X	X
0.619	0.541	Tor2a		X	X
0.622	0.549	Usp12	X		X
0.629	0.541	Traf6		X	X
0.632	0.632	E2f2			X
0.642	0.650	Blzf1	X	X	X
0.645	0.564	Pctp		X	X
0.647	0.657	Alg6		X	
0.651	0.596	Dusp23		X	
0.654	0.482	Myo1c		X	
0.654	0.656	Rufy3		X	
0.656	0.634	Il16	X	X	X
0.656	0.636	Lcorl	X		X
0.663	0.662	Fmr1		X	
0.665	0.611	Homez		X	X

**predicted targets downregulated > 1.5 fold with IL-7 only**

Fold Change + IL-7	Fold Change -IL-7	GENE_SYMBOL	PicTar	miRanda	PITA
0.475		Sik2		X	
0.505		Bcar1		X	
0.506		Grk4		X	
0.582		Dnajb5		X	X
0.618		Zbtb7a			X
0.648		4632415K11Rik		X	
0.652		Adam9	X		
0.658		Baz2a		X	X

**predicted targets downregulated > 1.5 fold without IL-7 only**

Fold Change + IL-7	Fold Change -IL-7	GENE_SYMBOL	PicTar	miRanda	PITA
	0.259	Maf	X		X
	0.295	Cpne2		X	
	0.375	Neu1	X	X	X
	0.389	Dynlt3		X	
	0.390	Nrm	X	X	X
	0.424	Slc46a3		X	
	0.428	Ece1		X	
	0.463	Cntd1		X	
	0.465	Tnfaip3		X	
	0.472	Fam46c		X	
	0.481	Il2ra		X	
	0.487	Gpr77		X	
	0.517	Ddx19b		X	
	0.537	Enpep	X	X	X
	0.538	Pop5		X	
	0.542	Spns3		X	
	0.543	Btg2			
	0.552	Tnfrsf1b		X	
	0.557	Shank2		X	
	0.564	Whrn		X	
	0.568	4930572J05Rik		X	
	0.584	Kctd21	X	X	X
	0.592	Zc3h12a		X	
	0.595	Was		X	
	0.598	Pipox		X	
	0.607	Ccng2		X	
	0.607	Ptpn7		X	
	0.610	Zbtb9		X	
	0.610	1700028J19Rik		X	
	0.614	Rhbdf2		X	
	0.615	Coro2a		X	
	0.617	2310001A20Rik		X	
	0.619	Trak2		X	
	0.619	Clec3b		X	
	0.619	Nmnat1		X	
	0.619	Sirt7	X	X	X
	0.620	Lrrc28		X	
	0.620	Usp3		X	
	0.620	Sertad3	X	X	X
	0.621	Lypla2	X		X
	0.622	Tmem168	X	X	X
	0.622	Cdkn2b		X	
	0.623	A230051G13Rik		X	
	0.623	Zfp473		X	
	0.627	Fam126b	X		X
	0.628	Cdc42se1	X	X	X
	0.630	Naa40		X	
	0.632	Trabd		X	
	0.635	Pcolce		X	
	0.637	Rfxank		X	
	0.642	Brms1		X	

0.642	Cyb561d1		X	
0.650	Ube2g1		X	
0.650	Mcl1	X	X	X
0.651	Rhot2		X	
0.651	Chfr		X	
0.652	Ppwd1		X	
0.652	Rps6ka1	X	X	X
0.653	Eif1ad	X	X	X
0.653	Dus1l	X	X	X
0.654	6330416G13Rik		X	
0.654	Mlycd		X	
0.655	Bak1	X	X	X
0.658	Ttc7		X	
0.659	Osbpl9	X	X	X
0.662	9030617O03Rik		X	
0.663	Fbxo32		X	
0.666	Numbl	X		X
0.667	Il7r		X	