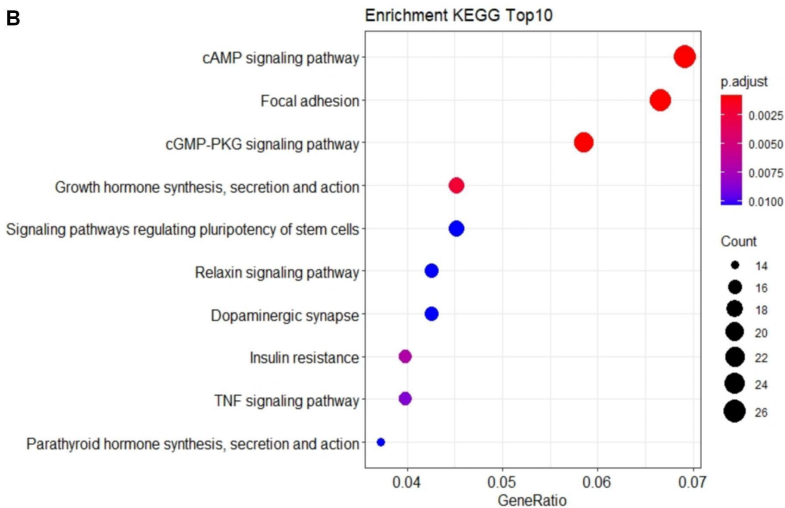
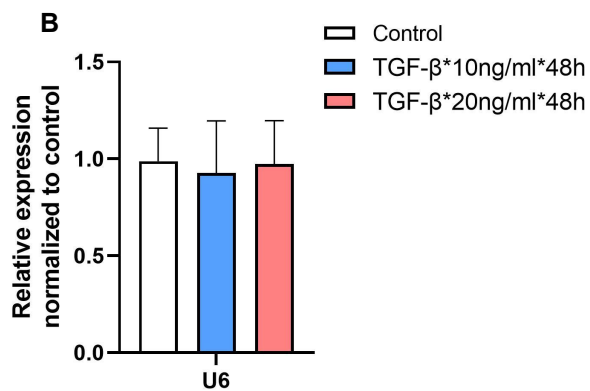
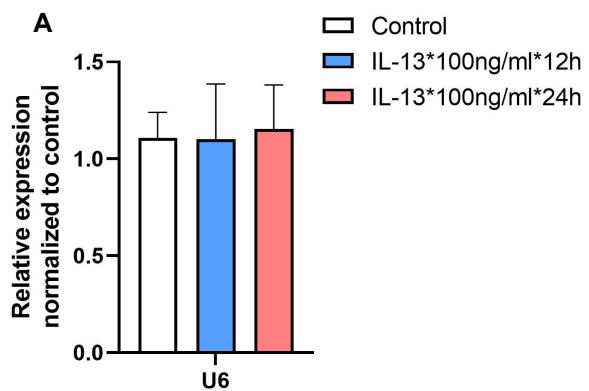


Supplementary Figure S1

Top 10 function annotation and pathway analysis for target gene series.





Supplementary Figure S2 TGF- β /IL-13 treatment did not change the expression of U6

Supplementary Table S1. Demographic and clinical characteristics of asthmatic patients and healthy subjects

	Asthmatic patients (n=10)	Healthy subjects (n=10)
Sex		
Male	5(50%)	5(50%)
Female	5(50%)	5(50%)
Age, years	40.5(25.8-48.5)	37.0(24.6-45.8)
Current smoker	0(0%)	0(0%)
Cough	8(80%)	0(0%)
Sputum production	1(10%)	0(0%)
Chest tightness	5(50%)	0(0%)
White blood cell count, × 10 ⁹ per L	6.9(3.6-11.1)	5.8(3.9-8.7)
Neutrophil count, × 10 ⁹ per L	3.8(3.1-6.1)	3.6(2.4-5.7)
Eosinophils count, × 10 ⁹ per L	0.48(0.33-1.82)	0.13(0.02-0.29)

Data are presented as averages(IQR) or n (n/N%), where N is the total number of corresponding patients.

Healthy subjects

Asthmatics

hsa-mi R-92b-1 3p	1.2453	1.5551	1.9708	1.5592	2.7917	0.7259	0.5114	1.5282	2.7648	0.5036	0.3993	0.3741	0.7779	0.6509	0.6943	0.6543	0.4700	0.5108	0.6701	22457	10821	06584	81231	96032	67569	91147	37161	91654	52479	61665	93447	918	23904	38433	01284	9539	91807	94468
hsa-mi R-99a-1 5p	0.9532	0.0922	0.2316	0.8002	0.2722	0.5302	0.6986	0.1909	0.7585	0.6159	0.0156	0.4558	0.0512	0.7609	0.3302	0.8648	0.7371	1.1256	0.8742	71466	21571	99663	60037	29443	11731	29086	63647	10252	81124	78248	7411	67088	0408	11195	44527	71239	09553	64489
hsa-mi R-106 b-5p	0.4002	1.6777	0.6316	0.6922	0.2722	0.7302	0.9086	1.1909	1.0085	0.8159	1.7156	1.4158	0.4512	0.4609	0.5602	0.8648	0.7371	2.1256	0.4513	60037	25532	99663	21571	29443	11731	29086	63647	10252	81124	78248	7411	67088	0408	11195	44527	71239	09553	21982
hsa-mi R-124 6	0.9260	0.6097	0.9148	0.7182	1.1060	0.8772	0.6661	1.1618	1.0846	3.5119	6.6151	8.2978	16.077	18.049	19.892	4.0937	3.2390	7.5061	6.4842	47035	23922	85102	01988	26565	96592	68247	23856	01065	44957	31599	90251	10102	05162	09239	24288	67167	07367	31512
hsa-mi R-203 a-3p	0.5855	1.5866	0.5994	0.8626	0.5292	0.3678	0.5596	0.7662	0.6207	4.4317	5.6925	3.7308	12.605	4.9599	16.004	4.3101	3.4628	6.6475	4.8654	92611	15069	29276	47405	17965	02654	63642	67257	02796	10762	93487	45784	8005	59394	23841	94393	47786	7966	25877
hsa-mi R-197-1 3p	0.1002	1.0977	0.2316	0.4093	0.2722	0.2202	0.2086	0.1909	0.1085	0.0159	0.0156	0.0158	0.0512	0.0609	0.1802	0.8648	0.8871	1.1256	0.0482	60037	25532	99663	02093	29443	11731	29086	63647	10252	81124	78248	7411	67088	0408	11195	44527	71239	09553	42354
hsa-mi R-124-1 5p	1.8986	1.1121	5.8135	2.3999	6.0745	3.0986	6.8743	4.2234	8.3935	3.1791	7.3716	5.7301	3.5593	6.2845	8.1001	1.6324	2.1944	1.0185	5.3817	32742	61511	02648	88817	03022	56281	53685	78625	49452	77873	98399	63622	4214	8455	0307	38361	72991	21508	58769
hsa-mi R-22-5 p	0.0940	0.7972	0.0624	0.0411	0.0498	0.1596	0.4896	0.0545	0.0143	0.4296	0.1475	0.8123	0.0989	0.0693	0.1101	0.0910	0.0231	0.0339	0.3741	70753	00924	54491	76478	13687	53352	28214	71282	94901	85255	36623	96592	30608	74118	32879	9773	03589	99373	28754
hsa-mi R-21-5 p	0.8532	0.0287	0.0241	0.0107	0.0160	0.6947	0.4381	0.3751	0.0177	0.0025	0.0009	0.0008	0.0094	0.0075	0.0127	0.0070	0.0073	0.0078	0.0064	10959	16061	33892	15247	24619	96781	26239	69059	93573	14534	74017	42299	09528	20509	30155	46021	12131	18076	18354
hsa-mi R-19b-1 3p	0.2099	0.2981	0.0253	0.0247	0.0207	0.2439	0.2154	0.2149	0.0243	0.0004	0.0004	0.0006	0.0097	0.0159	0.0091	0.0058	0.0054	0.0072	0.0058	76214	22645	37545	59937	43974	50346	62651	53499	32494	98599	70634	37985	65552	04073	52596	54574	87088	45334	95423
hsa-mi R-193-1 5p	1.1398	0.6707	3.7185	2.9526	2.2123	0.6130	2.8896	0.2760	5.1144	1.6288	1.3712	0.9691	3.9796	3.9509	3.1525	0.6693	0.8984	1.1857	2.4340	60032	66509	28111	57257	37011	73686	01353	92565	20153	45652	54005	28213	50373	81092	92071	25192	8764	86782	05669

Table S2: Original qPCR data for Figure 4