

Table S2 (Deng et al.)

		Nociceptors RNA-seq normalized counts (3 replicates at each time point)																	
Gene	Day 0 - 1	Day 0 - 2	Day 0 - 3	Day 4 - 1	Day 4 - 2	Day 4 - 3	Day 8 - 1	Day 8 - 2	Day 8 - 3	Day 12 - 1	Day 12 - 2	Day 12 - 3	Day 21 - 1	Day 21 - 2	Day 21 - 3	Day 28 - 1	Day 28 - 2	Day 28 - 3	
SCN1A	32.63378	21.20595	35.01409	10.56849	4.994754	2.337063	453.6262	346.2216	354.2262	67.31298	70.97562	80.17315	241.2549	227.647	209.3765	271.9445	272.5455	242.3641	
SCN1B	62.75726	54.94269	77.27247	248.3594	292.1931	261.7511	22.84448	28.76302	36.40869	227.7683	220.813	251.6204	49.03556	55.2213	57.55372	45.06945	49.17488	35.18189	
SCN2A	37.65436	18.31423	18.11073	35.66864	47.45016	42.06714	42.42547	49.00367	42.4768	196.46	219.8273	187.4818	1824.123	1718.622	1839.735	2718.681	2588.766	2688.484	
SCN2B	2.510291	1.927814	2.414765	3.963183	3.746066	4.674126	22.84448	28.76302	27.30652	47.74525	43.37399	43.17016	330.4996	303.1536	356.2377	535.4862	451.7421	496.4556	
SCN3A	2.510291	0	0	29.06334	21.22771	19.86504	181.668	262.0631	304.1642	4304.9	4489.208	4294.814	5125.196	5465.781	5492.411	4810.973	4591.6	4753.465	
SCN3B	15.06174	9.639069	15.69597	26.42122	37.46066	28.04476	60.91862	117.1827	124.7756	1379.916	1437.256	1337.042	3363.839	3394.419	3393.685	4678.82	4417.404	4490.578	
SCN4A	340.1444	350.8621	441.9019	1052.886	991.4587	983.9036	50.0403	49.00367	46.26937	359.2634	363.7501	397.1655	14.71067	23.66627	20.83842	6.875001	5.834308	4.886374	
SCN4B	85.34988	80.00427	94.17582	352.7233	375.8553	427.6825	149.0331	116.1174	137.2911	236.3781	181.3821	249.1535	335.4032	397.8187	333.4147	100.8333	90.84851	115.3184	
SCN5A	520.8853	515.6902	620.5045	368.576	353.3789	338.8742	233.884	232.2348	207.0744	335.7822	283.9025	319.4592	559.0053	546.5781	505.0835	600.4167	488.4149	544.3364	
SCN7A	6.275726	14.4586	4.829529	9.247426	9.989508	1.168532	154.4722	134.2274	107.709	109.5793	119.2785	123.3433	743.379	703.2263	798.806	2245.07	2116.187	2130.459	
SCN8A	1541.318	1461.283	1281.033	1034.391	1125.068	1155.678	4882.192	5517.174	5327.046	2006.866	2018.862	2054.9	1504.411	1559.72	1598.604	1203.125	1186.031	1161.002	
SCN9A	138.066	125.3079	173.8631	48.87925	44.95279	28.04476	14.14182	20.24065	15.9288	733.3984	769.8883	873.2707	6191.229	6405.67	6840.935	5354.098	5062.512	5152.193	
SCN10A	0	0	0	0	0	0	0	0	0	14.87147	23.65854	14.8012	478.587	367.3907	470.3528	263.5417	254.2091	258.9778	
SCN11A	20.08232	16.38642	25.35503	23.7791	16.23295	8.179721	75.06044	75.6361	87.98766	152.6283	170.5386	149.2454	323.8347	300.8997	296.6994	221.5278	175.0292	241.3869	
KCNQ1	150.6174	170.6115	155.7523	60.7688	62.43443	57.25805	32.63498	49.00367	47.40714	21.91585	13.80082	18.5015	11.76853	7.888757	10.91536	17.56945	4.167363	2.931824	
KCNQ2	1479.816	1620.327	1668.602	697.5202	508.2162	621.6588	363.3361	382.4417	439.9383	1753.268	1519.075	1583.728	1788.817	1871.889	1591.658	2078.542	1970.329	1857.799	
KCNQ3	84.09473	98.3185	72.44294	11.88955	16.23295	12.85385	18.49315	35.15481	29.58206	177.675	170.5386	155.4126	203.0072	205.1077	246.0918	241.3889	267.5447	267.7734	
KCNQ4	184.5064	169.6476	150.9228	165.1326	197.2928	181.1274	58.74296	47.93837	43.99383	36.78732	36.47358	39.46986	37.26702	32.68199	32.74608	47.36112	46.67446	63.52286	
KCNQ5	72.78843	57.83441	67.61341	1.321061	1.248689	0	0	3.195891	3.413314	2.348127	2.957318	3.700299	1.961422	9.015722	16.8692	42.77778	32.50543	37.13644	
FGF11	45.18523	56.87051	59.16173	113.6112	98.6464	113.3476	13.05399	3.195891	9.102172	3.913545	12.81504	8.634032	14.71067	15.77751	5.953833	29.79167	26.67112	23.4546	
FGF12	646.3998	624.6117	748.577	177.0222	201.0389	190.4706	886.5835	609.35	585.9523	238.7263	267.1444	240.5195	203.9879	178.0605	220.2918	198.6111	163.3606	148.5458	
FGF13	2190.228	2151.44	2281.953	397.6393	418.3107	413.6602	1165.069	1232.549	1142.323	4722.866	4881.546	4904.13	22265.08	22277.85	22905.39	26091.39	26961.17	26017.98	
FGF14	5.020581	3.855628	4.829529	6.605304	12.48689	9.348252	10.87833	18.11005	14.41177	18.78502	22.67277	23.43523	33.34418	36.06289	46.63836	110.7639	128.3548	126.0681	

		Nociceptors RNA-seq normalized counts (3 replicates at each time point)																	
Gene	Day 0 - 1	Day 0 - 2	Day 0 - 3	Day 4 - 1	Day 4 - 2	Day 4 - 3	Day 8 - 1	Day 8 - 2	Day 8 - 3	Day 12 - 1	Day 12 - 2	Day 12 - 3	Day 21 - 1	Day 21 - 2	Day 21 - 3	Day 28 - 1	Day 28 - 2	Day 28 - 3	
PDGFA	2737.472	2787.619	2486	3778.191	3863.243	3807.981	10.87833	24.50183	13.274	75.14007	74.91871	67.83882	134.3574	114.9505	141.8997	119.9306	123.3539	96.7502	
PDGFB	3501.154	1541.287	926.0622	22.45804	37.46066	28.04476	1.087833	2.130594	2.6548	3.913545	3.94309	11.1009	52.9584	52.96737	62.51525	165	189.1983	171.0231	
PDGFC	121.7491	118.5605	124.3604	237.791	209.7797	252.4028	733.1991	776.6016	796.8193	375.7003	410.0814	389.7649	404.053	382.0412	440.5837	888.4029	980.1637	913.7519	
PDGFD	160.6586	194.7092	195.5959	88.51108	98.6464	75.95455	143.5939	157.664	178.2509	104.883	108.435	94.97435	240.2742	210.7425	235.1764	417.0834	415.0693	444.68	
PDGFRA	16.31689	10.60298	24.14765	29.06334	26.22246	23.37063	158.8235	151.2722	132.3607	82.96716	103.5061	82.64002	79.4376	101.4269	106.1767	728.7501	855.9763	797.4562	
PDGFRB	428.0045	440.5054	377.9107	224.5804	182.3085	206.8301	253.465	307.8709	272.3066	1790.056	1640.325	1758.876	747.3019	829.4464	716.4446	2149.548	2076.18	2130.459	
PDGFRL	57.73668	63.61785	84.51676	50.20031	54.9423	52.58392	40.2498	41.54659	31.8576	1.565418	0	0	5.884267	6.761791	5.953834	42.01389	42.5071	40.06827	
EGF	351.8726	127.2357	155.7523	130.785	163.5782	141.3923	31.54714	19.17535	17.44583	3.130836	0.985773	0	41.18987	34.93592	42.66914	20.625	39.17321	29.31824	
EGFR	345.1649	344.1148	340.4818	130.785	117.3767	125.0329	2073.409	2542.864	2432.555	399.1816	335.1627	339.1941	588.4267	623.2118	639.0448	844.8612	921.8206	936.2293	
NTRK1	1.255145	6.747348	6.036912	9.247426	6.243443	10.51678	219.7422	509.212	500.6194	3738.218	3417.673	3553.521	1460.279	1480.832	1295.951	16.80556	13.33556	10.75002	
NTRK2	1.255145	0	0	232.5067	144.8479	217.3469	344.8429	133.1621	146.7725	165.1516	169.5529	154.1791	5209.537	5473.67	5263.189	6686.32	7112.024	6748.084	
NTRK3	434.2803	458.8197	361.0073	284.0281	242.7456	271.0993	358.9847	416.5312	442.2138	478.2352	424.868	558.7452	464.8571	413.5962	358.2223	337.6389	321.7204	333.2507	
NRG1	32.63378	56.87051	20.5255	29.06334	39.95803	35.05595	471.0315	523.0609	565.8517	3436.093	3401.901	3269.831	2638.113	2759.938	2610.756	2177.848	2038.674	2026.868	
NRG2	2.510291	8.675162	3.622147	3.963183	0	7.011189	39.16197	22.37124	26.548	25.8294	22.67277	33.30269	112.7818	92.41115	106.1767	111.5278	115.0192	99.68203	
NRG3	139.3211	140.7304	101.4201	38.31077	36.21197	29.21329	115.3102	140.6192	127.0511	947.0779	898.0388	906.5733	1245.503	1250.931	1276.105	773.0557	746.7914	754.4561	
NRG4	100.4116	114.7049	96.59059	101.7217	104.8898	112.179	125.1007	122.5092	121.7415	120.5372	124.2073	111.009	125.531	134.1089	159.7612	158.8889	165.861	142.6821	
VEGFA	1212.47	1219.342	2121.371	2626.269	2335.048	2418.86	800.6447	442.0983	634.4972	619.9056	548.0895	573.5464	212.8143	236.6627	217.3149	362.0834	390.0651	373.319	
VEGFB	322.5723	344.1148	399.6436	622.2197	585.6349	660.7209	41.33764	31.95891	61.43966	133.0605	84.77644	94.97435	246.1585	244.5515	223.2688	564.514	539.2567	501.342	
VEGFC	30.12349	46.26753	41.051	9.247426	9.989508	19.86504	21.75665	19.17535	19.34211	0.782709	6.900408	1.233433	11.76853	11.26965	20.83842	87.84723	82.51378	75.25016	
VEGFD	6.275726	9.639069	3.622147	3.963183	0	0	6.526995	9.587674	10.23994	54.00692	106.4634	117.1761	7.845689	12.39662	11.90767	12.98611	8.334725	13.68185	
FLT1	2506.525	2338.438	2492.037	426.7027	518.2057	473.2553	7.614828	7.45708	4.930343	6.261672	8.871953	6.167166	0.980711	0	0	3.969222	21.38889	32.50543	17.59095
KDR	7859.72	7475.098	8003.737	4964.547	5109.634	5368.234	20.66882	19											