

Table S2. MicroRNAs regulated by PAX6 in NEC.

Chr	Peak Start	Peak End	Peak Score	miRbase ID	miR Start	Strand	Distance of peak to miR
chr1	162115274	162115474	55.3	hsa-mir-4654	162126897	+	-11523
chr1	172112736	172112936	30.5	hsa-mir-3120	172107948	+	4888
chr1	243509851	243510051	44	hsa-mir-4677	243509478	+	473
chr1	33804143	33804343	15.8	hsa-mir-3605	33798093	-	6150
chr1	172112736	172112936	30.5	hsa-mir-214	172108047	-	4789
chr1	172112736	172112936	30.5	hsa-mir-199a-2	172113784	-	-948
chr1	205417638	205417838	40.6	hsa-mir-135b	205417526	-	212
chr10	77301385	77301585	45.1	hsa-mir-606	77312216	+	-10731
chr10	77302028	77302228	85.7	hsa-mir-606	77312216	+	-10088
chr10	98910172	98910372	24.8	hsa-mir-5686	98901440	+	8832
chr10	103366960	103367160	23.7	hsa-mir-3158-1	103361174	+	5886
chr10	35926344	35926544	40.6	hsa-mir-4683	35930180	-	-3736
chr10	103366960	103367160	23.7	hsa-mir-3158-2	103361254	-	5806
chr11	36023858	36024058	10.2	hsa-mir-3973	36031648	+	-7690
chr11	96075830	96076030	25.9	hsa-mir-1260b	96074602	+	1328
chr12	54735352	54735552	22.6	hsa-mir-148b	54731000	+	4452
chr12	97954061	97954261	37.2	hsa-mir-135a-2	97957590	+	-3429
chr13	66793844	66794044	75.6	hsa-mir-4704	66792382	+	1562
chr13	66799005	66799205	15.8	hsa-mir-4704	66792382	+	6723
chr14	101306739	101306939	41.7	hsa-mir-770	101318727	+	-11888
chr15	96867098	96867298	45.1	hsa-mir-1469	96876490	+	-9292
chr15	96883860	96884060	18.1	hsa-mir-1469	96876490	+	7470
chr15	96886313	96886513	18.1	hsa-mir-1469	96876490	+	9923
chr15	23810368	23810568	19.2	hsa-mir-4508	23807278	-	3190
chr17	27704005	27704205	13.5	hsa-mir-4523	27717680	+	-13575
chr17	57243505	57243705	13.5	hsa-mir-301a	57228582	-	15023
chr17	79374064	79374264	13.5	hsa-mir-4740	79374578	-	-414
chr2	12859253	12859453	19.2	hsa-mir-3125	12877493	+	-18140
chr2	228328357	228328557	13.5	hsa-mir-5703	228336848	+	-8391
chr2	11694392	11694592	10.2	hsa-mir-4429	11680803	-	13689
chr2	56236412	56236612	36.1	hsa-mir-216b	56227930	-	8582
chr2	56242995	56243195	12.4	hsa-mir-216b	56227930	-	15165
chr2	66589892	66590092	66.6	hsa-mir-4778	66585460	-	4532
chr2	161283249	161283449	21.4	hsa-mir-4785	161264393	-	18956
chr3	20183405	20183605	48.5	hsa-mir-3135a	20179057	+	4448
chr3	20183405	20183605	48.5	hsa-mir-3135a	20179057	+	4448
chr3	50206004	50206204	23.7	hsa-mir-566	50210759	+	-4655
chr3	5303197	5303397	14.7	hsa-mir-4790	5291940	-	11357
chr3	52345601	52345801	10.2	hsa-mir-135a-1	52328324	-	17377
chr4	7300744	7300944	28.2	hsa-mir-4798	7312177	+	-11333
chr4	7301231	7301431	30.5	hsa-mir-4798	7312177	+	-10846
chr4	28811273	28811473	13.5	hsa-mir-4275	28821204	+	-9831
chr4	87465253	87465453	28.2	hsa-mir-4452	87463705	-	1648
chr6	30848592	30848792	11.3	hsa-mir-4640	30858660	+	-9968

chr7	93106044	93106244	20.3	hsa-mir-653	93112167	-	-6023
chr7	93106044	93106244	20.3	hsa-mir-489	93113331	-	-7187
chr7	151125978	151126178	25.9	hsa-mir-3907	151130725	-	-4647
chr8	125841109	125841309	40.6	hsa-mir-4662a	125834227	+	6982
chr8	28355329	28355529	14.7	hsa-mir-4288	28362699	-	-7270
chr8	28363190	28363390	14.7	hsa-mir-4288	28362699	-	591
chr8	28363960	28364160	14.7	hsa-mir-4288	28362699	-	1361
chr8	28371430	28371630	20.3	hsa-mir-4288	28362699	-	8831
chr8	28371430	28371630	20.3	hsa-mir-4288	28362699	-	8831
chr8	125841109	125841309	40.6	hsa-mir-4662b	125834300	-	6909
chr8	130492703	130492903	18.1	hsa-mir-3686	130496388	-	-3585
chr9	124876066	124876266	11.3	hsa-mir-4478	124882446	-	-6280
chrX	17453747	17453947	10.2	hsa-mir-4768	17444004	+	9843
chrX	133308258	133308458	16.9	hsa-mir-363	133303482	-	4876
chrX	133308258	133308458	16.9	hsa-mir-92a-2	133303642	-	4716
chrX	133308258	133308458	16.9	hsa-mir-19b-2	133303796	-	4562
chrX	133308258	133308458	16.9	hsa-mir-20b	133303907	-	4451
chrX	133308258	133308458	16.9	hsa-mir-18b	133304141	-	4217
chrX	133308258	133308458	16.9	hsa-mir-106a	133304308	-	4050