

Table SI. Differentially expressed miRNAs between diffuse large B-cell lymphoma and lymph node reactive hyperplasia tissues.

Systematic name	P-value	Fold-change (abs)	Regulation	Active sequence(5'-3')
hsa-miR-101-3p	2.14x10 ⁻⁷	70.12449	Up	TTCAGTTATCACAGTACTGT
hsa-miR-106b-5p	4.48x10 ⁻²	9.482359	Up	ATCTGCACTGTCAGCAC
hsa-miR-1180-3p	2.38x10 ⁻²	9.992666	Down	ACACACCCACGCG
hsa-miR-1182	5.90x10 ⁻⁴	36.81388	Down	GTCACATCCCTCCCA
hsa-miR-1233-5p	1.23x10 ⁻³	2.448671	Up	TGCCGTGCCCTGG
hsa-miR-1238-3p	2.50x10 ⁻²	2.448293	Up	GGGGCAGACAGAC
hsa-miR-1247-3p	1.23x10 ⁻³	29.26198	Down	GCTCCAGTCTCGACG
hsa-miR-1249-5p	2.36x10 ⁻²	3.68144	Down	AACTTGCCCATCTCC
hsa-miR-1260a	1.06x10 ⁻²	5.853309	Up	TGGTGGCAGAGGTGG
hsa-miR-1260b	1.30x10 ⁻²	3.598181	Up	ATGGTGGCAGTGGTG
hsa-miR-1273d	3.35x10 ⁻²	7.063039	Down	ACTGCAGCCTCAACC
hsa-miR-1275	5.75x10 ⁻³	2.853891	Down	GACAGCCTCTCCCC
hsa-miR-128-1-5p	6.70x10 ⁻³	8.246991	Down	TCTCAGACAGTGCTACG
hsa-miR-1321	1.80x10 ⁻²	7.529308	Down	ATCACATTCACCTCCCT
hsa-miR-140-5p	3.61x10 ⁻²	16.38111	Up	CTACCATAGGGTAAAACCACT
hsa-miR-142-3p	1.92x10 ⁻²	12.39162	Up	TCCATAAAGTAGGAAACACTACA
hsa-miR-142-5p	5.11x10 ⁻³	39.28894	Up	AGTAGTGCTTTCTACTTTA
hsa-miR-151a-3p	1.40x10 ⁻²	19.90538	Up	CCTCAAGGAGCTTCAGT
hsa-miR-151a-5p	2.42x10 ⁻²	27.19609	Up	ACTAGACTGTGAGCTCC
hsa-miR-151b	1.04x10 ⁻²	25.1236	Up	AGACTGTGAGCTCCTC
hsa-miR-17-3p	1.24x10 ⁻²	15.93213	Up	CTACAAGTGCCTTCAC
hsa-miR-181a-5p	1.91x10 ⁻²	2.745383	Up	ACTCACCGACAGCGT
hsa-miR-181b-5p	5.01x10 ⁻³	2.744573	Up	ACCCACCGACAGCA
hsa-miR-18a-5p	8.79x10 ⁻³	34.14763	Up	CTATCTGCACTAGATGCA
hsa-miR-18b-5p	4.90x10 ⁻²	9.405125	Up	CTAACTGCACTAGATGCACC
hsa-miR-1908-3p	1.15x10 ⁻²	4.043291	Up	CGGGGCGGAGC
hsa-miR-192-5p	2.21x10 ⁻²	19.08265	Up	GGCTGTCAATTCATAGGTC
hsa-miR-193a-3p	8.45x10 ⁻⁴	52.90833	Up	ACTGGGACTTTGTAGGC
hsa-miR-198	4.17x10 ⁻²	2.056028	Down	GAACCTATCTCCCCTC
hsa-miR-19a-3p	1.99x10 ⁻²	37.32824	Up	TCAGTTTTGCATAGATTTGCA
hsa-miR-19b-3p	2.44x10 ⁻²	14.19882	Up	TCAGTTTTGCATGGATTTGC
hsa-miR-20b-5p	3.44x10 ⁻²	20.62522	Up	CTACCTGCACTATGAGCAC
hsa-miR-212-3p	1.30x10 ⁻³	3.758645	Up	GGCCGTGACTGGAGAC
hsa-miR-2392	6.45x10 ⁻³	2.773214	Down	CACCTCTCACCCCC
hsa-miR-23a-5p	3.02x10 ⁻³	25.24291	Down	AAATCCCATCCCCAG
hsa-miR-28-5p	1.21x10 ⁻³	48.69122	Up	CTCAATAGACTGTGAGCTCC
hsa-miR-298	2.26x10 ⁻⁴	16.73178	Down	TGGGAGAACCTCCCTG
hsa-miR-30b-3p	3.40x10 ⁻²	7.454115	Down	GAAGTAAACATCCACCTCC
hsa-miR-30c-5p	3.96x10 ⁻²	18.93942	Up	GCTGAGAGTGTAGGATGT
hsa-miR-3131	4.41x10 ⁻⁵	4.222974	Down	AAGGCCCTTCACC
hsa-miR-3138	3.40x10 ⁻³	2.507998	Down	ACTCCCTCTACCTCACT
hsa-miR-3147	2.31x10 ⁻³	18.53377	Down	TCACACCCTCCTCAC
hsa-miR-3161	3.34x10 ⁻²	10.73956	Down	ATCTGGGCCTCTGTTC
hsa-miR-3174	1.35x10 ⁻²	8.312185	Down	GGCTCTGCATCTCTAAC
hsa-miR-3180-3p	4.21x10 ⁻²	11.08701	Down	GGCCTCCGGAAGC
hsa-miR-3188	4.57x10 ⁻²	2.325902	Up	CCCCGTATCCGCA
hsa-miR-3190-3p	1.20x10 ⁻²	10.79868	Down	TCTCTGGCCGTCTACC
hsa-miR-324-3p	3.99x10 ⁻²	2.193733	Up	CCAGCAGCACCTGGGG
hsa-miR-324-5p	4.38x10 ⁻²	11.406	Up	ACACCAATGCCCTAGGG
hsa-miR-342-3p	3.29x10 ⁻²	4.349299	Up	ACGGGTGCGATTTCTG
hsa-miR-345-3p	4.84x10 ⁻³	2.480736	Down	CTCCAGACCCCTCG
hsa-miR-34a-5p	4.49x10 ⁻²	4.617222	Up	ACAACCAGCTAAGACACTGC
hsa-miR-361-5p	3.13x10 ⁻²	14.85806	Up	GTACCCCTGGAGATTC
hsa-miR-3614-5p	3.00x10 ⁻²	12.47557	Down	GGGCAGCCTTCAGA
hsa-miR-3617-5p	1.87x10 ⁻²	8.436015	Down	CCCATCTTGCAACTATG
hsa-miR-3622b-5p	1.61x10 ⁻²	2.33463	Down	TCACCTGACCTCCCA
hsa-miR-365b-5p	6.02x10 ⁻³	12.80723	Down	ACAGCTGCCCTGA

Table SI. Continued.

Systematic name	P-value	Fold-change (abs)	Regulation	Active sequence(5'-3')
hsa-miR-3665	1.05x10 ⁻²	2.027274	Up	CGCCGCCCCG
hsa-miR-3667-5p	1.59x10 ⁻²	22.6581	Down	ACCTTCTCCTCAATGGG
hsa-miR-3692-5p	1.86x10 ⁻²	14.72697	Down	CAGTATCCACTCCTGAC
hsa-miR-370-3p	2.06x10 ⁻²	3.704139	Down	ACCAGGTTCCACCC
hsa-miR-3713	6.42x10 ⁻⁷	40.15543	Down	ACCATCCCCAAACGG
hsa-miR-373-5p	1.88x10 ⁻³	7.193833	Up	GGAAAGCGCCCC
hsa-miR-374a-5p	7.66x10 ⁻³	27.15214	Up	CACTTATCAGGTTGTATTATAA
hsa-miR-378b	4.78x10 ⁻²	8.988843	Down	TTCTGCCTCCAAGTCC
hsa-miR-3926	4.96x10 ⁻²	8.856387	Down	TCTCTGCCTGCTTTTTG
hsa-miR-3934-5p	4.45x10 ⁻²	3.578004	Down	CTGCCTCAGTTTCCA
hsa-miR-3940-5p	2.86x10 ⁻²	2.430282	Up	CAGAGCCCGCCC
hsa-miR-422a	2.64x10 ⁻³	20.52196	Down	GCCTTCTGACCCTA
hsa-miR-4260	3.00x10 ⁻²	5.203043	Down	TGGGACTCCATGCC
hsa-miR-4261	1.98x10 ⁻²	6.866216	Up	TGGGTCCCTGTTTCC
hsa-miR-4269	3.17x10 ⁻⁴	25.19368	Down	GCCAGGGCTGTCTG
hsa-miR-4286	3.41x10 ⁻³	3.108928	Up	GGTACCAGGAGTGGG
hsa-miR-4314	4.19x10 ⁻²	11.40398	Down	CTGTCCCATTTCCTCA
hsa-miR-4419b	1.28x10 ⁻⁶	49.37555	Down	CCATCTTCCTCAGCC
hsa-miR-4429	2.15x10 ⁻²	11.64174	Down	CGCCTCTCAGCCC
hsa-miR-4443	3.89x10 ⁻²	2.606597	Down	AAAACCCACGCCTCC
hsa-miR-4450	1.91x10 ⁻²	8.473152	Down	TCACCACTTCTCCAAATC
hsa-miR-4458	1.27x10 ⁻²	12.57597	Down	TTCTTCCACACCTACCT
hsa-miR-4459	1.70x10 ⁻²	7.154827	Down	CTCCACCTCCTCCG
hsa-miR-4465	4.52x10 ⁻²	2.086498	Up	TCCCCTGGTCAGACT
hsa-miR-4470	1.54x10 ⁻²	18.60512	Down	TCTCGGCTTCCACG
hsa-miR-4481	2.75x10 ⁻²	3.290987	Down	AACCACCAGCCCAC
hsa-miR-4482-3p	1.05x10 ⁻²	11.18457	Down	GAGCCCCACTGAGA
hsa-miR-4502	1.42x10 ⁻²	8.017699	Down	CTTCAGCACCATCATCA
hsa-miR-4513	2.00x10 ⁻²	14.10811	Down	ATGGGCCTCCAGCC
hsa-miR-4514	2.60x10 ⁻²	17.31821	Down	TTCCCCAATCCTGCC
hsa-miR-4519	2.27x10 ⁻⁵	27.98703	Down	CAGCCCTGCGCA
hsa-miR-4522	7.75x10 ⁻³	3.937784	Down	ACCGGCCTACAGGC
hsa-miR-4531	1.51x10 ⁻³	16.68473	Down	TCAGAAGCCTTCTCCA
hsa-miR-4539	1.35x10 ⁻²	2.055893	Down	GCCCAGCTCAGCC
hsa-miR-4640-5p	1.25x10 ⁻²	15.83523	Down	CCCACCAGCTGCT
hsa-miR-4660	1.03x10 ⁻⁴	14.60166	Down	CTCCATTTTCCACCAG
hsa-miR-4665-5p	1.33x10 ⁻²	3.553443	Down	GCTCGCGCTCACG
hsa-miR-4667-5p	1.08x10 ⁻²	2.465454	Down	GGTTCTCCTTCTGCTC
hsa-miR-4685-5p	2.74x10 ⁻³	16.03209	Down	AACCTTGCCCCACTC
hsa-miR-4688	3.28x10 ⁻²	9.809486	Down	CCCAGGTCCTCTGC
hsa-miR-4690-5p	2.51x10 ⁻²	2.172444	Down	TTCAGCCCAGCCTCG
hsa-miR-4726-5p	2.63x10 ⁻³	23.28382	Down	CCACTCCAGGCTCC
hsa-miR-4740-5p	4.88x10 ⁻²	2.497923	Up	CCTGCCCCGAGAGG
hsa-miR-4748	1.73x10 ⁻⁵	26.5318	Down	AGCAAATCCTCCCCAA
hsa-miR-4749-3p	2.69x10 ⁻²	2.0775	Up	CTGTGGGGGCAGG
hsa-miR-4750-5p	8.21x10 ⁻⁴	30.54813	Down	CACTCAACCACCTCC
hsa-miR-4755-3p	1.16x10 ⁻⁵	30.59946	Down	ACTTTCCTTCAGAGCC
hsa-miR-4758-3p	7.31x10 ⁻³	10.31413	Down	GAGGGTGGTCAGCA
hsa-miR-4763-3p	3.64x10 ⁻²	2.286812	Up	CCCGCCAGCAC
hsa-miR-4773	3.85x10 ⁻²	11.60159	Down	GCCTTCTATGCTCCTG
hsa-miR-4778-5p	7.69x10 ⁻⁴	3.334096	Down	CCTCTTCTCCTTTACAG
hsa-miR-4784	8.98x10 ⁻⁴	17.06986	Down	TCAGTCCCAGCATCTC
hsa-miR-4800-5p	6.85x10 ⁻⁴	2.233657	Down	TCCTTCTTCTCCTCGG
hsa-miR-483-5p	3.06x10 ⁻⁴	2.287438	Down	CTCCCTTCTTCTCCTC
hsa-miR-490-5p	1.12x10 ⁻²	10.33317	Down	ACCCACCTGGAGATC
hsa-miR-5006-5p	4.52x10 ⁻²	2.418425	Down	TTCCACCTCCTGCC
hsa-miR-5100	6.45x10 ⁻⁴	2.938517	Up	AGAGGCACCGCTGG

Table SI. Continued.

Systematic name	P-value	Fold-change (abs)	Regulation	Active sequence(5'-3')
hsa-miR-518a-5p	1.72x10 ⁻³	26.62272	Down	GAAAGGGCTTCCCTT
hsa-miR-550a-3-5p	1.67x10 ⁻⁵	21.68753	Down	CTCTTACTCCCTCAGGC
hsa-miR-566	2.31x10 ⁻⁴	3.643826	Down	GTTGGGATCACAGGCGCCC
hsa-miR-5703	3.45x10 ⁻²	3.064609	Down	ACCTTCCCGACTTCTC
hsa-miR-575	2.36x10 ⁻³	2.228931	Down	GCTCCTGTCCAAGTGGCT
hsa-miR-5787	1.44x10 ⁻²	3.014644	Down	ACCTCCCCGCGC
hsa-miR-584-5p	3.75x10 ⁻²	9.183971	Down	CTCAGTCCCAGGCAAAC
hsa-miR-590-5p	3.23x10 ⁻²	7.278402	Up	CTGCACTTTTATGAATAAGCTC
hsa-miR-598-5p	2.44x10 ⁻²	16.97915	Down	GCTCACACCATCGG
hsa-miR-6081	4.03x10 ⁻²	5.459492	Down	GGCGCCTTGGCC
hsa-miR-6083	2.26x10 ⁻³	22.26596	Down	CCCACAGCCTCTGA
hsa-miR-6085	1.56x10 ⁻²	2.05188	Up	TGTGCTCCCCCAGC
hsa-miR-610	3.78x10 ⁻²	10.30156	Down	TCCCAGCACACATTTAGC
hsa-miR-6124	3.48x10 ⁻²	2.054311	Down	TCCTCCCCCTTCCTT
hsa-miR-6129	6.04x10 ⁻³	3.737721	Down	TATACACCCAAGTCCCT
hsa-miR-6133	4.31x10 ⁻²	7.324584	Down	TACCCAACCTCCTCCC
hsa-miR-6134	4.08x10 ⁻³	4.569329	Down	TCTACATCCTACCACCTC
hsa-miR-622	8.71x10 ⁻³	4.062231	Down	GCTCCAACCTCAGCAGA
hsa-miR-629-3p	4.38x10 ⁻²	7.422704	Up	GCTGGGCTTACGTTGG
hsa-miR-630	3.85x10 ⁻²	3.403911	Down	ACCTTCCCTGGTACAGA
hsa-miR-639	1.36x10 ⁻²	3.423993	Down	ACAGCGCTCGCAACCGC
hsa-miR-6509-5p	3.39x10 ⁻⁵	16.6939	Down	GTTCCACTGCCACTAC
hsa-miR-6510-5p	5.68x10 ⁻³	2.443379	Down	GACTCCTCTCTCTCCC
hsa-miR-6511b-5p	2.01x10 ⁻²	8.5665	Down	TGTCAGCCCCACTTC
hsa-miR-6516-5p	1.75x10 ⁻²	4.386592	Down	TGCTCACACCTGTTACT
hsa-miR-659-3p	1.84x10 ⁻²	15.72023	Down	TGGGGACCCTCCCT
hsa-miR-660-5p	2.93x10 ⁻²	10.57289	Up	CAACTCCGATATGCAATGG
hsa-miR-664b-5p	3.34x10 ⁻²	3.27124	Down	TACCCAATCATCTCCCT
hsa-miR-665	4.23x10 ⁻²	5.849128	Down	AGGGGCCTCAGCCT
hsa-miR-671-5p	6.99x10 ⁻³	2.040769	Down	CTCCAGCCCCT
hsa-miR-6745	1.71x10 ⁻⁷	57.29566	Down	AACCAGACCTTCTTCCA
hsa-miR-6748-5p	1.15x10 ⁻²	8.170377	Down	AATCCAGTCCTTCCCA
hsa-miR-6754-5p	2.09x10 ⁻²	15.31405	Down	TCCTCCAAACCAGCC
hsa-miR-6758-5p	4.69x10 ⁻³	12.507	Down	ACATCACATCCTTCCCC
hsa-miR-6760-5p	6.94x10 ⁻³	8.461122	Down	TCTGCACTTCCACCTT
hsa-miR-6765-5p	1.82x10 ⁻²	11.31385	Down	ACACACCCTCCTGGC
hsa-miR-6769a-5p	4.92x10 ⁻²	2.154471	Down	AGGGCTCCTCCATACC
hsa-miR-6772-5p	1.45x10 ⁻²	2.641794	Down	CCTCAGCTCCAGCC
hsa-miR-6775-5p	5.52x10 ⁻⁴	2.047466	Down	CCAGCCTCCCTCC
hsa-miR-6776-5p	1.59x10 ⁻²	9.299421	Down	AACCCCCACTGCAC
hsa-miR-6777-5p	8.40x10 ⁻³	12.29263	Down	TCCACCACTGCCTGA
hsa-miR-6781-5p	4.52x10 ⁻³	18.30708	Down	ACGCCCTTGACCTC
hsa-miR-6782-5p	1.37x10 ⁻²	17.2861	Down	ACACCCCTGAATTCCC
hsa-miR-6785-5p	4.38x10 ⁻²	6.809305	Down	CACCATCATCCACGC
hsa-miR-6788-5p	1.23x10 ⁻²	19.95484	Down	TCTTACCACCTTCTCTCC
hsa-miR-6789-5p	1.38x10 ⁻²	2.321417	Up	CCCGCGCGCC
hsa-miR-6792-5p	4.90x10 ⁻²	6.305223	Down	TCACCCAGAGCCCC
hsa-miR-6795-5p	2.95x10 ⁻⁸	55.44898	Down	ACAGCCTCTCATCCTG
hsa-miR-6796-5p	1.32x10 ⁻⁷	50.75373	Down	CAGCCAGCTCTCCA
hsa-miR-6809-5p	8.50x10 ⁻⁵	25.562	Down	TGATCCTCTTCTTCCCTTG
hsa-miR-6815-5p	1.01x10 ⁻²	9.494452	Down	AATGACTCCTCCGGC
hsa-miR-6817-5p	1.83x10 ⁻²	25.97243	Down	CCACTCCAAGCTTCC
hsa-miR-6820-5p	5.85x10 ⁻³	2.051726	Up	TGACCCCAGCTCTGC
hsa-miR-6830-5p	8.21x10 ⁻⁵	16.70263	Down	GATGTCCAGCCTCCT
hsa-miR-6831-5p	1.44x10 ⁻³	2.670159	Down	GACCTCCTCCTCACA
hsa-miR-6833-5p	1.95x10 ⁻²	2.316662	Down	TTTCTCCTCCCATCTTC
hsa-miR-6847-5p	4.86x10 ⁻²	10.45117	Down	GCTCACACTCCACTG

Table SI. Continued.

Systematic name	P-value	Fold-change (abs)	Regulation	Active sequence(5'-3')
hsa-miR-6848-5p	1.57x10 ⁻²	8.916698	Down	ACCATGGCCCATCCC
hsa-miR-6856-5p	3.02x10 ⁻²	5.029824	Down	CCACAGCACCCTG
hsa-miR-6860	3.57x10 ⁻³	16.09079	Down	ACTCACCACAGCCCT
hsa-miR-6865-5p	2.49x10 ⁻²	14.27775	Down	TGAAGTCCCTCCTCTG
hsa-miR-6867-5p	1.78x10 ⁻³	2.370786	Down	TCCCTTCTCCTCTACA
hsa-miR-6870-5p	8.79x10 ⁻³	22.46113	Down	TCAACCCCATCTCC
hsa-miR-6871-5p	8.35x10 ⁻³	29.30605	Down	GCAACCACCCCGA
hsa-miR-6872-3p	1.54x10 ⁻²	4.89897	Up	GACCGCGGCAGG
hsa-miR-6877-5p	4.87x10 ⁻³	36.9801	Down	GCAGCTTCCACCCT
hsa-miR-6881-5p	1.52x10 ⁻²	10.85516	Down	TGACCCTCCTATCCTTAC
hsa-miR-6886-5p	8.54x10 ⁻⁸	59.34067	Down	AGCCCTCATCTCACCT
hsa-miR-6893-5p	3.61x10 ⁻²	3.506576	Down	GCTCCACCCTACACC
hsa-miR-6894-5p	2.53x10 ⁻²	14.68627	Down	TCTGGCCCAGCTCT
hsa-miR-7-5p	4.31x10 ⁻²	11.81901	Up	ACAACAAAATCACTAGTCTTCC
hsa-miR-7107-5p	3.21x10 ⁻²	2.086618	Down	CCCTTCCTCCTCCC
hsa-miR-7109-5p	7.24x10 ⁻³	3.365473	Down	AGCAGGGTCTCCTCC
hsa-miR-711	4.45x10 ⁻²	6.035909	Down	CTTACGTCTCTCCCTG
hsa-miR-7110-5p	7.22x10 ⁻³	2.518241	Down	CTCTCTCTCCCCACA
hsa-miR-7156-3p	4.74x10 ⁻⁷	42.54271	Down	ACCAGTTCCCCAAGTG
hsa-miR-7162-3p	2.36x10 ⁻²	6.089353	Down	GCTGCTGTTCCACC
hsa-miR-7515	2.11x10 ⁻³	36.72478	Down	GTCACCATCTTCCCTT
hsa-miR-765	9.75x10 ⁻³	10.72408	Down	CATCACCTTCTTCTCCT
hsa-miR-770-5p	4.65x10 ⁻³	13.13964	Up	TGGCCCTGACACGTGGT
hsa-miR-7851-3p	4.26x10 ⁻⁴	14.8858	Down	TCCAACCTCAGTCTCC
hsa-miR-7854-3p	4.11x10 ⁻²	13.74858	Down	TTCCCATCTGCGGTC
hsa-miR-7977	3.42x10 ⁻²	3.606853	Up	TGGTGC GTTGGCTG
hsa-miR-8052	1.88x10 ⁻³	14.40435	Down	GCTCATGCCCTCTACA
hsa-miR-8060	3.58x10 ⁻²	2.226007	Down	GTCTCCTACCCACT
hsa-miR-8072	3.82x10 ⁻²	2.508395	Down	CTGCCTACCTCCCC
hsa-miR-8075	3.81x10 ⁻²	27.90251	Down	CAGACCCGACATCTG
hsa-miR-8085	3.16x10 ⁻²	14.8816	Down	GCCTCACAGTCTCT
hsa-miR-921	3.58x10 ⁻²	6.269681	Up	GAATCCTGGTTCTGTCC
hsa-miR-9500	1.68x10 ⁻²	13.57318	Down	GTGGTCACCATCTTCC

Fold-change (abs), absolute value of multiple differences between groups.