

Gain: copy >=2.5

Loss: copy <=1.5

Gain percent signifiacne threshold =19.1781

Loss percent signifiacne threshold =10.9589

Start and End = genomic coordinates, NCBI build 35

Length = size of coverage surrounding the precursor miRNA sequence

Region	Chr	Start	End	Length(kb)	Number of Probes	Gain_Percent	Gain_Sig*	Loss_Percent	Loss_Sig*
chr1, mir-200b, mir-200c	1	1125407	1161390	35	43	0		2.7	
chr1, mir-551a	1	3483416	3517511	34	31	1.4		2.7	
chr1, mir-34a	1	9128993	9163102	34	75	2.7		5.5	
chr1, mir-801	1	28778727	28812822	34	42	0		2.7	
chr1, mir-552	1	34787293	34821388	34	77	0		1.4	
chr1, AGO4, AGO1, AGO2	1	35925921	36208156	282	818	0		1.4	
chr1, mir-30e, mir-30c-1	1	40872120	40909137	37	136	0		1.4	
chr1, mir-101-1	1	65219138	65253212	34	126	0		1.4	
chr1, SERBP1	1	67568514	67625144	56	184	1.4		2.7	
chr1, mir-186	1	71228335	71262420	34	149	0		4.1	
chr1, mir-137	1	98206647	98240748	34	176	0		2.7	
chr1, mir-553	1	100441818	100475885	34	125	0		4.1	
chr1, mir-197	1	109836557	109870631	34	141	0		5.5	
chr1, DDX20	1	111993296	112039241	45	185	0		5.5	
chr1, mir-554	1	148314345	148348440	34	84	13.7		0	
chr1, mir-92b	1	151961041	151995136	34	108	8.2		0	
chr1, mir-555	1	152112214	152146309	34	112	11		1.4	
chr1, mir-9-1	1	153186206	153220294	34	127	11		0	
chr1, mir-765	1	153701996	153736109	34	111	11		0	
chr1, mir-556	1	159026994	159061088	34	137	13.7		1.4	
chr1, mir-557	1	165059420	165093517	34	127	16.4		1.4	
chr1, mir-214, mir-199a-1	1	168822595	168862441	39	195	15.1		1.4	
chr1, mir-488	1	173713156	173747238	34	141	15.1		1.4	
chr1, mir-181b-1, mir-181b-2	1	195542659	195576939	34	148	12.3		4.1	
chr1, mir-135b	1	202132087	202166183	34	98	12.3		0	
chr1, mir-29c, mir-29b-2	1	204346592	204381263	34	160	12.3		0	

chr1, mir-205	1	205976873	206010982	34	109	11	0
chr1, mir-215, mir-194-1	1	216662590	216696978	34	122	11	2.7
chr2, mir-558	2	32651871	32685964	34	110	11	4.1
chr2, mir-559	2	47499465	47533560	34	94	9.6	5.5
chr2, mir-217, mir-216	2	56104753	56144845	40	134	11	2.7
chr2, mir-560	2	132832233	132866327	34	9	1.4	0
chr2, mir-128a	2	136239699	136273780	34	133	1.4	2.7
chr2, mir-10b	2	176823538	176857647	34	119	4.1	1.4
chr2, mir-561	2	188970725	189004821	34	139	4.1	2.7
chr2, mir-26b	2	219075874	219109950	34	59	2.7	1.4
chr2, mir-375	2	219674872	219708935	34	93	4.1	1.4
chr2, mir-153-1	2	219967338	220001427	34	78	4.1	1.4
chr2, mir-562	2	232845868	232879962	34	60	2.7	2.7
chr2, mir-149	2	241098408	241132496	34	40	1.4	0
chr3, mir-563	3	15873282	15907360	34	63	4.1	0
chr3, mir-128b	3	35743972	35778055	34	164	4.1	1.4
chr3, mir-26a-1	3	37968899	38002975	34	124	4.1	0
chr3, mir-138-1	3	44113708	44147806	34	126	4.1	1.4
chr3, mir-564	3	44861384	44895477	34	92	4.1	0
chr3, mir-565	3	45688468	45722564	34	124	4.1	1.4
chr3, mir-425, mir-191	3	49015585	49050146	34	99	0	2.7
chr3, mir-566	3	50168763	50202856	34	59	0	1.4
chr3, let-7g, mir-135a-1	3	52260334	52320364	60	181	0	1.4
chr3, mir-567	3	113297338	113331435	34	137	1.4	6.8
chr3, mir-568	3	115501012	115535106	34	157	0	2.7
chr3, mir-198	3	121580205	121614266	34	125	0	1.4
chr3, mir-15b, mir-16-2	3	161588078	161622315	34	154	5.5	6.8
chr3, mir-551b	3	169735344	169769439	34	103	6.8	0
chr3, mir-569	3	172290155	172324250	34	135	5.5	0
chr3, mir-28	3	189872271	189906356	34	169	9.6	4.1
chr3, mir-570	3	196898365	196932461	34	38	19.2 *	13.7 *
chr4, mir-571	4	316946	351041	34	17	0	6.8
chr4, mir-95	4	8108099	8142179	34	70	0	5.5
chr4, mir-572	4	11029720	11063814	34	79	0	6.8
chr4, mir-218-1	4	20189167	20223276	34	155	0	6.8
chr4, mir-573	4	24181084	24215182	34	127	0	6.8
chr4, mir-574	4	38675219	38709314	34	99	0	4.1

chr4, mir-575	4	84014669	84048762	34	103	0	5.5
chr4, mir-576	4	110750458	110784555	34	116	0	5.5
chr4, mir-367, mir-302d,	4	113909634	113944317	34	132	0	5.5
chr4, mir-577	4	115918519	115952614	34	166	0	8.2
chr4, mir-578	4	166647999	166682094	34	126	1.4	6.8
chr5, Drosha	5	31419926	31584925	164	612	8.2	0
chr5, mir-579	5	32413241	32447338	34	147	8.2	0
chr5, mir-580	5	36166751	36200847	34	125	9.6	0
chr5, mir-581	5	53266091	53300186	34	134	6.8	2.7
chr5, mir-449, mir-449b	5	54485117	54519327	34	138	5.5	0
chr5, mir-582	5	59018189	59052286	34	120	6.8	0
chr5, mir-9-2	5	87981427	88015513	34	160	5.5	1.4
chr5, mir-583	5	95423598	95457672	34	133	5.5	2.7
chr5, mir-584	5	148405069	148439165	34	83	5.5	0
chr5, mir-143, mir-145	5	148771674	148807489	35	101	5.5	0
chr5, mir-378	5	149075581	149109646	34	83	5.5	1.4
chr5, mir-146a	5	159827937	159862035	34	99	4.1	0
chr5, mir-103-1	5	167903479	167937556	34	132	5.5	1.4
chr5, mir-218-2	5	168110729	168144838	34	107	4.1	0
chr5, mir-585	5	168606183	168640276	34	110	4.1	1.4
chr5, mir-340	5	179357909	179392003	34	93	5.5	1.4
chr6, mir-548a-1	6	18662994	18697090	34	123	6.8	2.7
chr6, mir-219-1	6	33266590	33300699	34	97	8.2	2.7
chr6, XPO5	6	43581050	43668642	87	312	8.2	0
chr6, mir-586	6	45256389	45290485	34	116	6.8	1.4
chr6, mir-206, mir-133b	6	52100106	52138798	38	139	8.2	1.4
chr6, mir-30c-2, mir-30a	6	72126384	72187045	60	264	2.7	8.2
chr6, mir-587	6	107321693	107355788	34	110	4.1	12.3 *
chr6, mir-548b	6	119414911	119449007	34	113	4.1	15.1 *
chr6, mir-588	6	126830470	126864552	34	61	2.7	17.8 *
chr6, mir-548a-2	6	135584991	135619087	34	127	2.7	17.8 *
chr7, mir-339	7	818810	852903	34	38	2.7	1.4
chr7, mir-589	7	5291691	5325789	34	51	9.6	1.4
chr7, mir-148a	7	25745779	25779846	34	96	13.7	0
chr7, mir-196b	7	26965339	26999422	34	96	13.7	0
chr7, mir-550-1	7	30085650	30119746	34	81	13.7	0
chr7, has-mir-550-2	7	32528833	32562929	34	1	13.7	0

chr7, mir-590	7	73033179	73067275	34	93	15.1	1.4
chr7, mir-653, mir-489	7	92739723	92774982	35	160	20.5 *	0
chr7, mir-591	7	95476625	95510719	34	125	11	0
chr7, mir-25, mir-93, mi	7	99318834	99353348	34	113	6.8	0
chr7, mir-592	7	126275093	126309189	34	130	13.7	2.7
chr7, SDN1, mir-593	7	126869153	127332963	463	1842	13.7	2.7
chr7, mir-129-1	7	127424876	127458947	34	89	15.1	2.7
chr7, mir-182, mir-96, n	7	128987174	129025805	38	99	6.8	1.4
chr7, mir-335	7	129712903	129746996	34	128	13.7	4.1
chr7, mir-29a, mir-29b-1	7	130001761	130036553	34	95	15.1	4.1
chr7, mir-490	7	136028169	136062296	34	169	11	2.7
chr7, has-mir-594	7	138465712	138499800	34	84	12.3	1.4
chr7, mir-671	7	150356155	150390272	34	104	2.7	0
chr7, mir-153-2	7	156849504	156883590	34	86	12.3	0
chr7, mir-595	7	157807886	157841981	34	81	9.6	0
chr8, mir-596	8	1735804	1769880	34	69	4.1	13.7 *
chr8, mir-597	8	9619592	9653688	34	145	4.1	8.2
chr8, mir-124a-1	8	9781308	9815392	34	112	4.1	11 *
chr8, mir-598	8	10913126	10947222	34	87	5.5	8.2
chr8, mir-383	8	14738318	14772390	34	110	4.1	8.2
chr8, mir-320, PIWIL2	8	22141420	22286545	145	344	4.1	9.6
chr8, mir-486	8	41620116	41654183	34	85	8.2	4.1
chr8, mir-124a-2	8	65437260	65471368	34	156	9.6	2.7
chr8, mir-599	8	100601040	100635134	34	149	9.6	1.4
chr8, mir-548a-3	8	105548773	105582869	34	122	11	1.4
chr8, mir-548d-1	8	124412455	124446551	34	134	13.7	2.7
chr8, mir-30b, mir-30d	8	135864945	135903370	38	152	9.6	1.4
chr8, AGO2	8	141593446	141731827	138	324	9.6	1.4
chr8, mir-151	8	141794845	141828934	34	120	12.3	1.4
chr8, mir-661	8	145074347	145108435	34	37	4.1	0
chr9, mir-101-2	9	4823297	4857375	34	151	12.3	8.2
chr9, mir-491	9	20689104	20723187	34	134	11	11 *
chr9, mir-31	9	21485114	21519184	34	118	8.2	17.8 *
chr9, mir-204	9	70637445	70671554	34	137	4.1	1.4
chr9, mir-7-1	9	83797217	83831326	34	120	5.5	5.5
chr9, let-7a-1, let-7f-1, l	9	94000794	94037757	36	97	6.8	0
chr9, mir-23b, mir-27b,	9	94910045	94944925	34	105	2.7	0

chr9, mir-32	9	108871064	108905133	34	128	6.8	1.4
chr9, mir-455	9	114034268	114068363	34	105	2.7	0
chr9, mir-147	9	120069811	120103882	34	96	2.7	0
chr9, mir-600	9	122936379	122970476	34	137	4.1	0
chr9, mir-601	9	123227358	123261436	34	96	2.7	0
chr9, mir-181a-2, mir-18	9	124517275	124552631	35	116	5.5	0
chr9, mir-199b	9	128069554	128103663	34	55	2.7	0
chr9, mir-219-2	9	128217451	128251547	34	76	4.1	0
chr9, mir-126	9	136823891	136857975	34	27	2.7	1.4
chr9, mir-602	9	137991708	138025805	34	38	5.5	2.7
chr10, mir-511-1	10	17910113	17944199	34	2	6.8	4.1
chr10, mir-603	10	24587620	24621716	34	121	6.8	4.1
chr10, mir-604	10	29856939	29891032	34	135	4.1	4.1
chr10, mir-605	10	52712339	52746421	34	137	4.1	1.4
chr10, mir-606	10	76965222	76999317	34	93	4.1	0
chr10, mir-346	10	87997424	88031509	34	74	5.5	6.8
chr10, mir-107	10	91325484	91359564	34	114	2.7	9.6
chr10, mir-607	10	98561416	98595511	34	97	4.1	9.6
chr10, mir-608	10	102707732	102741831	34	121	1.4	2.7
chr10, mir-146b	10	104169259	104203331	34	62	1.4	4.1
chr10, mir-609	10	105951537	105985631	34	113	2.7	2.7
chr10, mir-202	10	134932897	134967006	34	41	0	0
chr11, mir-210	11	541089	575198	34	44	0	0
chr11, mir-483	11	2094940	2129015	34	66	5.5	1.4
chr11, mir-610	11	28017938	28052033	34	139	6.8	1.4
chr11, mir-129-2	11	43542520	43576609	34	143	6.8	0
chr11, mir-130a	11	57148247	57182335	34	87	6.8	0
chr11, mir-611	11	61299543	61333609	34	117	4.1	0
chr11, mir-192, mir-194-	11	64398185	64432487	34	58	4.1	0
chr11, mir-612	11	64951505	64985604	34	77	8.2	5.5
chr11, MALAT1	11	65005410	65047999	42	98	8.2	6.8
chr11, mir-139	11	71986755	72020822	34	83	4.1	0
chr11, mir-326	11	74706784	74740878	34	72	4.1	0
chr11, PIWIL4	11	93923182	94011234	88	295	8.2	1.4
chr11, mir-34b, mir-34c	11	110871873	110906450	34	146	15.1	2.7
chr11, mir-125b-1	11	121458675	121492762	34	168	8.2	6.8
chr11, let-7a-2, mir-100	11	121505440	121545226	39	182	8.2	8.2

chr12, mir-200c, mir-141	12	6926123	6960615	34	107	12.3	0
chr12, mir-613	12	12791850	12825944	34	81	11	2.7
chr12, mir-614	12	12943030	12977119	34	114	12.3	2.7
chr12, mir-196a-2	12	52654789	52688898	34	107	16.4	0
chr12, mir-615	12	52697001	52731096	34	122	17.8	0
chr12, mir-148b	12	53000267	53034365	34	118	20.5 *	0
chr12, mir-616	12	56182213	56216309	34	99	15.1	0
chr12, mir-26a-2	12	56487659	56521742	34	115	17.8	0
chr12, let-7i	12	61266733	61300816	34	162	12.3	4.1
chr12, mir-548c	12	63285556	63319652	34	120	13.7	2.7
chr12, mir-617	12	79711780	79745876	34	137	9.6	0
chr12, mir-618	12	79814983	79849080	34	145	8.2	0
chr12, mir-492	12	93713642	93747757	34	68	8.2	0
chr12, mir-331	12	94187664	94221757	34	131	8.2	1.4
chr12, mir-135a-2	12	96443058	96477157	34	150	5.5	0
chr12, mir-619	12	107716150	107750248	34	116	8.2	1.4
chr12, mir-620	12	115032085	115066179	34	149	6.8	0
chr12, PIWIL1	12	129330494	129398753	68	238	5.5	0
chr12, RAN	12	129864448	129903243	38	78	5.5	0
chr13, mir-621	13	40265902	40299997	34	62	13.7	4.1
chr13, mir-16-1, mir-15a	13	49504110	49538338	34	121	12.3	13.7 *
chr13, mir-622	13	89664437	89698532	34	111	17.8	5.5
chr13, mir-17, mir-18a,	13	90783860	90818646	34	133	24.7 *	5.5
chr13, mir-623	13	98789386	98823483	34	99	16.4	8.2
chr14, mir-208	14	22910645	22944715	34	109	2.7	0
chr14, mir-624	14	30536603	30570699	34	84	2.7	1.4
chr14, mir-625	14	64990573	65024657	34	87	5.5	1.4
chr14, Dicer1	14	94605319	94710512	105	413	4.1	2.7
chr14, mir-342	14	99628745	99662843	34	96	4.1	1.4
chr14, mir-345	14	99826949	99861046	34	54	1.4	1.4
chr14, mir-770, mir-493,	14	100371480	100464303	92	298	4.1	1.4
chr14, mir-379, mir-411,	14	100541156	100619891	78	230	4.1	1.4
chr14, mir-203	14	103636495	103670604	34	34	2.7	0
chr15, mir-211	15	29127527	29161636	34	98	1.4	2.7
chr15, mir-626	15	39754075	39788168	34	85	2.7	4.1
chr15, mir-627	15	40262060	40296156	34	98	1.4	5.5
chr15, mir-628	15	53435430	53469524	34	132	1.4	1.4

chr15, mir-190	15	60886209	60920293	34	135	1.4	0
chr15, mir-422a	15	61933182	61967271	34	90	1.4	1.4
chr15, mir-629	15	68141765	68175861	34	125	2.7	0
chr15, mir-630	15	70649612	70683708	34	115	1.4	1.4
chr15, mir-631	15	73416005	73450079	34	79	0	2.7
chr15, mir-184	15	77272185	77306268	34	112	0	1.4
chr15, mir-549	15	78904374	78938469	34	111	0	1.4
chr15, mir-7-2	15	86939060	86973169	34	84	0	1.4
chr15, mir-9-3	15	87695252	87729341	34	98	0	1.4
chr16, mir-662	16	743184	777278	34	26	1.4	0
chr16, mir-193b, mir-36f	16	14288325	14327729	39	92	2.7	0
chr16, mir-484	16	15627652	15661730	34	115	5.5	0
chr16, mir-138-2	16	55432931	55467014	34	108	4.1	4.1
chr16, mir-328	16	65776725	65810799	34	98	4.1	1.4
chr16, mir-140	16	68507485	68541584	34	82	6.8	2.7
chr16, mir-768	16	70332796	70366899	34	152	6.8	2.7
chr17, mir-22	17	1546947	1581031	34	75	0	5.5
chr17, mir-132, mir-212	17	1882952	1917424	34	63	0	6.8
chr17, mir-195, mir-497	17	6844658	6879065	34	103	0	6.8
chr17, mir-324	17	7050340	7084422	34	112	0	5.5
chr17, mir-33b	17	17640875	17674970	34	72	1.4	2.7
chr17, mir-451, mir-144	17	24195513	24229762	34	54	5.5	0
chr17, mir-423	17	25451223	25485316	34	95	5.5	0
chr17, mir-193a, mir-36f	17	26894128	26943653	49	124	4.1	0
chr17, mir-632	17	27684241	27718334	34	113	4.1	0
chr17, mir-152	17	43452526	43486612	34	108	6.8	0
chr17, mir-10a	17	43995199	44029308	34	118	5.5	0
chr17, mir-196a-1	17	44047851	44081920	34	102	5.5	0
chr17, mir-142	17	53746592	53780678	34	82	4.1	0
chr17, mir-454, mir-301	17	54552901	54600364	47	135	8.2	0
chr17, mir-21	17	55256409	55290480	34	109	5.5	4.1
chr17, mir-633	17	58358308	58392405	34	78	5.5	0
chr17, mir-634	17	62196652	62230748	34	119	5.5	0
chr17, mir-548d-2	17	62881067	62915163	34	89	5.5	0
chr17, mir-635	17	63915187	63949284	34	87	5.5	0
chr17, mir-636	17	72227127	72261225	34	113	6.8	0
chr17, mir-657, mir-338	17	76696671	76731344	34	41	0	0

chr18, mir-133a-1, mir-1	18	17642657	17680047	37	144	12.3	1.4
chr18, mir-187	18	31721779	31755887	34	69	13.7	4.1
chr18, mir-122a	18	54252286	54286370	34	100	17.8	4.1
chr19, mir-637	19	3895412	3929510	34	39	0	0
chr19, mir-7-3	19	4704682	4738791	34	50	1.4	0
chr19, mir-638	19	10673080	10707179	34	45	2.7	0
chr19, mir-199a-1	19	10772102	10806172	34	51	2.7	0
chr19, mir-24-2, mir-27a	19	13791101	13825473	34	52	1.4	0
chr19, mir-181c, mir-181	19	13829513	13863825	34	55	2.7	0
chr19, mir-639	19	14484355	14518452	34	75	1.4	0
chr19, mir-640	19	19389872	19423967	34	104	2.7	2.7
chr19, mir-641	19	45463290	45497388	34	55	4.1	0
chr19, mir-330	19	50817092	50851185	34	49	5.5	0
chr19, mir-642	19	50853026	50887122	34	53	4.1	0
chr19, mir-769	19	51197030	51231147	34	57	4.1	0
chr19, mir-150	19	54678854	54712937	34	63	5.5	0
chr19, mir-99b, let-7e, r	19	56870677	56905404	34	70	4.1	0
chr19, mir-643	19	57459862	57493958	34	79	5.5	0
chr19, mir-512-1, mir-51	19	58844745	59000839	156	194	5.5	0
chr20, mir-103-2	20	3829141	3863218	34	117	8.2	0
chr20, mir-663	20	26119822	26153914	34	26	2.7	2.7
chr20, mir-644	20	32500791	32534884	34	108	12.3	1.4
chr20, mir-499	20	33024840	33058961	34	75	6.8	0
chr20, mir-645	20	48618730	48652823	34	107	6.8	2.7
chr20, mir-296	20	56809065	56843144	34	95	5.5	2.7
chr20, mir-646	20	58299927	58334020	34	98	2.7	4.1
chr20, mir-1-1, mir-133a	20	60544958	60589665	44	64	4.1	0
chr20, mir-124a-3	20	61263297	61297383	34	56	4.1	0
chr20, mir-647	20	62027428	62061523	34	52	4.1	0
chr21, mir-99a, let-7c	21	16816280	16851102	34	129	2.7	0
chr21, mir-125b-2	21	16867428	16901516	34	162	4.1	1.4
chr21, mir-155	21	25851163	25885227	34	145	2.7	2.7
chr21, mir-802	21	35997883	36031976	34	124	4.1	0
chr22, mir-648	22	16821188	16855281	34	74	1.4	2.7
chr22, mir-185	22	18378216	18412297	34	70	0	1.4
chr22, DGCR8-Pasha	22	18425388	18490954	65	112	0	1.4
chr22, mir-649	22	19696019	19730115	34	47	0	1.4

chr22, mir-130b		22	20315147	20349228	34	57	0	1.4
chr22, mir-650		22	21472824	21506919	34	78	8.2	31.5 *
chr22, PIWIL3		22	23422555	23512237	89	211	0	1.4
chr22, mir-658, mir-659		22	36547779	36585281	37	79	1.4	0
chr22, mir-33		22	40604448	40638516	34	72	0	0
chr22, let-7a-3, let-7b		22	44812148	44847167	35	51	0	0
chrX, mir-651	X		7887742	7921838	34	125	17.8	5.5
chrX, mir-221, mir-222	X		45344839	45379784	34	106	20.5 *	6.8
chrX, mir-532, mir-188,	X		49453790	49499327	45	114	20.5 *	4.1
chrX, mir-98, let-7f-2	X		53449205	53484256	35	139	20.5 *	4.1
chrX, mir-223	X		65004733	65038842	34	128	19.2 *	5.5
chrX, mir-421	X		73204233	73238317	34	98	19.2 *	6.8
chrX, mir-545, mir-374	X		73272960	73307213	34	123	19.2 *	6.8
chrX, mir-384	X		75905388	75939475	34	56	16.4	6.8
chrX, mir-325	X		75991516	76025613	34	44	17.8	6.8
chrX, mir-361	X		84947786	84981857	34	93	16.4	8.2
chrX, mir-652	X		109087702	109121799	34	107	15.1	6.8
chrX, mir-448	X		113863997	113898107	34	80	16.4	8.2
chrX, mir-766	X		118545583	118579693	34	92	13.7	5.5
chrX, mir-220	X		122404481	122438590	34	41	15.1	6.8
chrX, mir-363, mir-92-2,	X		133011928	133046828	34	130	21.9 *	6.8
chrX, mir-450-1, mir-450	X		133382891	133423261	40	132	20.5 *	6.8
chrX, mir-504	X		137458392	137492474	34	130	21.9 *	8.2
chrX, mir-505	X		138714827	138748910	34	91	20.5 *	6.8
chrX, mir-513-1, mir-513	X		145983527	146088792	105	194	24.7 *	8.2
chrX, FMR1	X		146682055	146755157	73	282	23.3 *	9.6
chrX, mir-224, mir-452	X		150780618	150815752	35	129	23.3 *	5.5
chrX, mir-105-1, mir-767	X		151214259	151250532	36	90	24.7 *	6.8