

Gene	Raw Counts				Log2 Norm Counts				Differential Expression				Differential Expression of ODN+CS004 vs ODN				Actual Fold change to CR		Final cut-off																
	transcript	refseq	CTRL	ODN1	CTR2	ODN2	CTR3	ODN3	CTR4	ODN4	CTR1	ODN1	CTR2	ODN2	CTR3	ODN3	CTR4	ODN4		log2FC	log2FC	log2FC	log2FC	log2FC	log2FC	log2FC	log2FC	log2FC	log2FC	log2FC	log2FC	log2FC			
BEF1	NR_133908	1	672	13	1003	12	65	5	1.08420702	7.03248701	4.000662	7.51920004	3.96511962	6.88211459	3.84915801	6.69838657	3.300349576	1.968	0.00	-1.731686062	4.22E-06	0.042575482	1.586635154	9.81524212	2.966297945	3.321157317									
BEF1	NR_133909	1	608	12	918	12	63	5	1.08462407	6.88925755	3.89267808	7.39217652	3.96511962	6.83743492	3.84915801	6.47830760	3.021689516	1.11E-07	0.00	-1.7766093	2.99E-06	0.042575482	1.436159615	9.27128246	2.705982858	3.426199835									
FN1	NM_002175	89	21746	875	3278	147	1151	69	353	6.57044127	9.98177611	12.54229004	11.0885247	7.53977761	10.0200859	3.166169546	9.28E-09	0.00	-0.95396652	0.045383774	0.99994554	2.107729415	8.34953276	4.310124117	1.931709793										
FN1	NM_006065	8	14783	539	2188	115	582	207	5.74627308	11.4719664	6.14736164	12.7826127	6.14736164	6.14736164	6.14736164	6.14736164	6.14736164	6.14736164	6.14736164	6.14736164	6.14736164	6.14736164	6.14736164	6.14736164	6.14736164	6.14736164	6.14736164	6.14736164	6.14736164	6.14736164	6.14736164	6.14736164	6.14736164	6.14736164	6.14736164
FN1A	NM_024013	100	27845	1074	44736	248	1219	87	461	6.91739882	12.3945080	10.2771008	12.9905381	8.24365505	11.0996241	7.87259323	10.4048189	2.98988264	2.38E-08	0.00	-0.897464514	0.056457179	0.99994554	2.091518034	7.93913951	4.761962827	1.862789447								
MIR155HG	NR_130558	31	6960	302	4456	66	699	43	142	5.15998218	10.3950515	8.44966362	10.6051966	9.54641996	10.68219979	8.70834473	2.95798424	1.68E-07	0.00	-0.931665089	0.039351455	0.99994554	2.026319334	7.70377601	4.026342382	1.807407624									
FN1	NM_002177	40	10094	377	14770	85	513	50	9.551813056	10.9310576	6.78898117	11.3921131	6.7079495	9.8518612	7.80708408	9.15012475	2.915158993	6.87E-08	0.00	-1.280891068	0.004717589	0.83609374	1.634262705	7.54310283	3.104297592	2.428991026									
FN1	NM_002178	8	1952	78	2632	14	112	36	3.11702923	6.56366339	6.50049933	8.90832356	4.1827604	9.92170198	5.0528221	6.69838657	2.76911186	1.60E-06	0.00	-1.25524455	0.00410832	0.83609374	1.550268731	6.0031864	2.028716873	1.237287251									
ODN0515	NR_042092	6	1144	80	3359	23	142	8	2.2	2.94951718	7.9548279	5.644625	9.25378576	4.88589413	6.00266564	4.89129121	6.30672071	2.792057071	1.58E-07	0.00	-0.85778184	0.05720089	0.99994554	1.91656648	6.0561913	3.7723860	1.81522498								
FN1A7	NM_021268	91	21037	835	31339	186	738	69	336	6.86624217	11.9901402	9.91428763	12.4777136	8.3002447	10.3760471	7.53977918	9.94892224	2.816301811	1.30E-07	0.00	-0.827849625	0.078267667	0.99994554	1.985780556	7.03051406	3.96078829	1.770537649								
FN1A6	NM_002173	121	32189	1241	43888	288	1209	94	449	7.0940134	12.0186201	10.4854334	12.9677366	11.0877457	7.9878801	10.3668809	2.813218375	3.38E-07	0.00	-0.88437132	0.06206258	0.99994554	1.92794546	7.02412527	3.805129258	1.54056233									
CXCL9	NM_002416	12	4188	147	2136	69	420	48	412	3.85297861	6.6663699	7.4153825	8.60651652	6.41027989	9.5638737	7.01966522	2.801146093	3.56E-06	0.00	-0.995521215	0.019600209	0.97539476	1.806393478	6.97365355	3.497668299	1.993800714									
FN1A8	NM_002170	94	20422	843	34962	189	707	66	296	6.13276068	11.9487219	9.9202098	12.6439391	7.85318716	10.3118441	7.47602111	9.76625442	2.792057071	1.58E-07	0.00	-0.87460092	0.06396786	0.99994554	1.91656648	6.0561913	3.7723860	1.81522498								
FN1A4	NM_002172	79	19892	733	30639	168	633	64	269	6.48453423	11.9093839	9.72652627	12.4465256	10.1548119	7.4318603	9.62843609	2.78905343	3.17E-07	0.00	-0.78271121	0.09461376	0.99994554	1.805338219	6.90697276	4.014828103	1.720365626									
FN1A3	NM_006900	52	179731	696	29954	164	629	49	91	5.88953442	11.7402579	9.6518971	12.454991	7.64944762	10.7401262	9.1351431	2.786734589	1.77E-06	0.00	-0.75401265	0.10447084	0.99994554	1.93333324	6.90066113	4.08724863	1.688101049									
MIR22HG	NR_02503	8	560	16	83	8	52	4	6	3.11702923	6.77165584	4.2832293	7.2249931	4.256207	6.532609	3.5204199	5.98550649	2.76622444	3.60E-07	0.00	-1.61679242	0.1694E-05	0.14512275	1.156207182	6.8331874	2.2870737	3.066044788								
DNAB1	NM_001317	8	1952	78	2636	22	141	12	35	3.11702923	6.56366339	6.50049933	8.90832356	4.1827604	9.92170198	5.0528221	6.69838657	2.76911186	1.60E-06	0.00	-1.25524455	0.00410832	0.83609374	1.550268731	6.0031864	2.028716873	1.237287251								
MIR22HG	NR_02504	7	418	13	620	7	50	3	5	1.14497997	6.35421054	4.000662	6.83007762	3.25202983	6.50728747	3.1774252	5.49439869	2.758891395	8.21E-07	0.00	-1.15668993	0.000247483	0.247002678	1.242222462	6.76875921	2.365626749	2.861296361								
MIR22HG	NR_02505	7	418	13	620	7	50	3	5	1.14497997	6.35421054	4.000662	6.83007762	3.25202983	6.50728747	3.1774252	5.49439869	2.758891395	8.21E-07	0.00	-1.15668993	0.000247483	0.247002678	1.242222462	6.76875921	2.365626749	2.861296361								
FN1	NM_002176	58	16045	579	2259	135	471	39	180	6.40554658	11.5994093	9.38679569	12.0014439	7.3702596	9.7287865	6.72260856	9.04972239	2.749105743	1.08E-06	0.00	-1.144444467	0.011858407	0.969886977	1.606891267	6.73200777	3.041136625	2.210563944								
FN1A8	NM_002177	8	1952	78	2636	22	141	12	35	3.11702923	6.56366339	6.50049933	8.90832356	4.1827604	9.92170198	5.0528221	6.69838657	2.76911186	1.60E-06	0.00	-1.25524455	0.00410832	0.83609374	1.550268731	6.0031864	2.028716873	1.237287251								
GN1	NM_001204	22	2106	92	4063	44	166	10	53	4.68133568	9.0279603	6.74424169	9.5336185	7.0799235	8.22734548	4.79821583	7.2922928	2.748984635	1.21E-07	0.00	-0.685722699	0.138853509	0.99994554	2.004121936	6.45243917	3.041136625	2.210563944								
MIR22HG	NR_02502	8	570	18	999	10	52	5	6	3.11702923	6.79699527	4.4484946	7.4261544	3.7204492	6.5623609	3.84915801	5.98550649	2.832977669	1.18E-06	0.00	-1.59894667	0.67E-05	0.133734362	1.039277669	6.22564943	2.905198395	3.02206653								
FN1	NM_022168	207	18331	649	19300	151	942	51	335	7.8624324	11.791513	9.55118834	10.7279183	7.93713187	11.5864417	9.45626246	2.603217127	2.92E-08	0.00	-0.71810664	0.064009298	0.99994554	1.88111068	6.07640139	3.09931369	1.645021118									
FN1A5	NM_002169	128	27813	1236	42771	272	1013	118	881	7.17457259	12.388025	10.4796311	12.9257429	8.37650254	10.8326938	8.13067467	10.1300796	2.60017791	1.91E-06	0.00	-0.667010523	0.10279977	0.99994554	1.833287387	6.08631937	3.584139416	1.70162192								
DNAB1	NM_001317	8	1952	78	2636	22	141	12	35	3.11702923	6.56366339	6.50049933	8.90832356	4.1827604	9.92170198	5.0528221	6.69838657	2.76911186	1.60E-06	0.00	-1.25524455	0.00410832	0.83609374	1.550268731	6.0031864	2.028716873	1.237287251								
MIR155	NR_03784	6	1038	32	1270	6	21	4	13	2.94951718	6.65587029	3.9919991	7.88506671	5.0546776	5.52049197	5.29283602	2.579203808	1.38E-05	0.00	-0.63880136	0.112721027	0.99994554	1.940040028	5.90979801	3.583112061	1.557073574									
FN1A4	NM_021068	147	35389	1503	52728	347	1179	124	405	7.37295258	12.740323	10.7616919	13.2276431	8.72689289	11.051142	8.38200805	10.2181342	2.97704249	4.23E-06	0.00	-0.78155205	0.0945396	0.99994554	1.796455224	5.97091151	3.746568602	1.718935255								
DNAB1	NM_002178	8	2023	89	2879	21	140	19	6	3.11702923	6.51073028																								

IPK2	NM_003821	4	547	16	480	10	46	16	25	2.4550365	6.73808362	4.28322932	6.4645324	3.70744292	3.88831766	5.45671092	6.21850058	2.040688326	0.00098129	0.0	-0.62480891	0.085096811	0.99994554	1.415793175	4.11440361	2.668083029	1.542093403
PUS10	NM_001322	20	1497	61	3134	54	134	44	44	4.5944443	8.1402099	6.1317051	6.0614664	7.8810761	6.52661466	6.56790269	6.21850058	2.040688326	0.00098129	0.0	-0.62480891	0.085096811	0.99994554	1.415793175	4.11440361	2.668083029	1.542093403
TRG51	NM_181501	16	2780	100	4134	57	92	31	53	4.5248443	8.18194299	5.15823983	9.1436779	6.70242601	6.78006633	6.52661466	6.21850058	2.040688326	0.00098129	0.0	-0.62480891	0.085096811	0.99994554	1.415793175	4.11440361	2.668083029	1.542093403
IFP51	NM_001330	10	534	24	620	38	106	24	53	4.24283721	9.07269513	6.86345894	9.5564215	6.13821167	7.37973487	6.39402365	7.2922893	2.03880292	0.00057253	0.0	-0.85617451	0.05739208	0.99994554	1.178243145	4.05969813	2.63028107	1.809570292
TRP51	NM_001332	10	534	24	620	38	106	24	53	4.24283721	9.07269513	6.86345894	9.5564215	6.13821167	7.37973487	6.39402365	7.2922893	2.03880292	0.00057253	0.0	-0.85617451	0.05739208	0.99994554	1.178243145	4.05969813	2.63028107	1.809570292
PAP07	NM_001171	46	1832	122	3207	44	160	22	46	5.71582762	8.47237957	7.14810411	9.19060184	5.77079235	8.17441466	5.9071554	7.08933972	2.02007453	1.48E-05	0.0	-0.72895204	0.03204281	0.99994554	1.295118649	4.0560388	2.44737633	1.65745387
PAP07	NM_006999	46	1832	122	3207	44	160	22	46	5.71582762	8.47237957	7.14810411	9.19060184	5.77079235	8.17441466	5.9071554	7.08933972	2.02007453	1.48E-05	0.0	-0.72895204	0.03204281	0.99994554	1.295118649	4.0560388	2.44737633	1.65745387
TRF85	NM_002214	32	1311	79	2663	42	153	27	43	5.20422524	7.99124109	6.52667626	8.93204214	5.70493587	8.11010286	6.19815248	6.99279147	2.00774682	3.55E-05	0.0	-0.90575236	0.01179953	0.99994554	1.101449387	4.0919489	2.14574917	1.873486082
IGFBP1	NM_001282	10	534	24	628	38	106	25	67	3.60977563	6.7037115	4.84327589	6.84884743	5.56345438	7.58294878	6.08868222	7.62854254	2.00774682	3.74E-05	0.0	-0.59054826	0.052541231	0.99994554	1.41633032	4.01973006	2.66942743	1.508398036
TRF51	NM_014112	10	534	24	628	38	106	25	67	3.60977563	6.7037115	4.84327589	6.84884743	5.56345438	7.58294878	6.08868222	7.62854254	2.00774682	3.74E-05	0.0	-0.59054826	0.052541231	0.99994554	1.41633032	4.01973006	2.66942743	1.508398036
CFIAR-AS1	NR_040030	34	1891	114	1825	19	52	8	33	5.28938482	8.51798269	7.0509704	8.37923243	4.59384388	6.6532609	4.48919251	6.61433936	2.00467903	5.52E-05	0.0	-0.75382922	0.048547134	0.99994554	1.250852802	4.0129426	2.379820575	1.68629173
CFIAR	NM_001127	93	5175	272	614	144	18	68	67	6.71448847	9.56789256	6.29290245	9.90884059	6.23471524	8.02296312	5.62428615	7.64980898	2.00389231	2.06E-05	0.0	-0.703750815	0.02832515	0.99994554	1.300172295	4.01089197	2.436828205	1.662593784
CFIAR	NM_001208	126	6657	347	8254	94	270	45	97	7.15201102	10.3308851	6.84954822	10.5530065	6.85182953	9.2726621	6.9273688	8.16010965	1.98188954	1.69E-05	0.0	-0.63515332	0.127311782	0.99994554	1.346736021	3.95010048	2.543360597	1.553102808
ZNF107	NM_001013	7	988	44	1428	35	109	35	42	3.11449797	7.58520877	6.69471777	8.02653593	5.44742245	7.62300554	6.56809972	6.95910382	1.954058244	0.00095315	0.0	-0.59589762	0.01288098	0.99994554	1.35837142	3.74642918	2.56395357	1.511912138
IGF1S	NM_005101	35	2077	58	1750	10	28	6	14	3.73605106	6.8529826	6.08652795	8.8139363	7.27044292	5.68319363	4.09541077	4.43098236	1.944791742	0.00540723	0.0	-0.65696012	0.15638199	0.99994554	1.2850177	3.8423701	2.43685054	1.57565818
CCDC59	NM_014167	11	4611	14	831	8	27	11	14	3.73605106	6.8529826	6.08652795	8.8139363	7.27044292	5.68319363	4.09541077	4.43098236	1.944791742	0.00540723	0.0	-0.65696012	0.15638199	0.99994554	1.2850177	3.8423701	2.43685054	1.57565818
SRGN	NM_001321	236	7111	422	10085	87	493	76	114	8.0523638	10.4259939	8.93121693	10.2491229	6.74118478	9.79455336	7.67846796	8.39232432	1.919251376	8.87E-05	0.0	-0.78447053	0.028081891	0.977539476	1.135143972	3.78226473	2.166940405	1.72202657
NGN	NM_001172	19	1497	89	3749	32	91	12	58	3.60977563	6.50734435	6.69686567	8.13052442	5.6123573	7.26406274	6.44019149	7.42256518	1.93613616	0.00143893	0.05	-0.97800756	0.02221081	0.999939399	1.930750296	3.70505951	1.90627504	1.983242036
UBE2B	NM_003317	9	467	36	280	13	53	25	19	3.47086463	6.70950312	5.41138777	6.11730077	4.07347351	6.89045376	3.8491840	5.82868227	1.91446059	0.00069739	0.0	-0.88644192	0.01575117	0.977539476	1.020910957	3.76972938	2.04063273	1.847303378
CCDC59	NR_033192	11	1557	13	807	7	25	11	14	3.73605106	6.8529826	6.08652795	8.8139363	7.27044292	5.68319363	4.09541077	4.43098236	1.94460765	0.0016773	0.0	-0.793707053	0.01328545	0.977539476	1.128932523	3.79116292	2.186686258	1.73523691
SRGN	NM_001321	236	7111	422	10085	87	493	76	114	8.0523638	10.4259939	8.93121693	10.2491229	6.74118478	9.79455336	7.67846796	8.39232432	1.919251376	8.87E-05	0.0	-0.78447053	0.028081891	0.977539476	1.135143972	3.78226473	2.166940405	1.72202657
NGN	NM_001172	19	1497	89	3749	32	91	12	58	3.60977563	6.50734435	6.69686567	8.13052442	5.6123573	7.26406274	6.44019149	7.42256518	1.93613616	0.00143893	0.05	-0.97800756	0.02221081	0.999939399	1.930750296	3.70505951	1.90627504	1.983242036
UBE2B	NM_003317	9	467	36	280	13	53	25	19	3.47086463	6.70950312	5.41138777	6.11730077	4.07347351	6.89045376	3.8491840	5.82868227	1.91446059	0.00069739	0.0	-0.88644192	0.01575117	0.977539476	1.020910957	3.76972938	2.04063273	1.847303378
CCDC59	NR_033192	11	1557	13	807	7	25	11	14	3.73605106	6.8529826	6.08652795	8.8139363	7.27044292	5.68319363	4.09541077	4.43098236	1.94460765	0.0016773	0.0	-0.793707053	0.01328545	0.977539476	1.128932523	3.79116292	2.186686258	1.73523691
SRGN	NM_001321	236	7111	422	10085	87	493	76	114	8.0523638	10.4259939	8.93121693	10.2491229	6.74118478	9.79455336	7.67846796	8.39232432	1.919251376	8.87E-05	0.0	-0.78447053	0.028081891	0.977539476	1.135143972	3.78226473	2.166940405	1.72202657
NGN	NM_001172	19	1497	89	3749	32	91	12	58	3.60977563	6.50734435	6.69686567	8.13052442	5.6123573	7.26406274	6.44019149	7.42256518	1.93613616	0.00143893	0.05	-0.97800756	0.02221081	0.999939399	1.930750296	3.70505951	1.90627504	1.983242036
UBE2B	NM_003317	9	467	36	280	13	53	25	19	3.47086463	6.70950312	5.41138777	6.11730077	4.07347351	6.89045376	3.8491840	5.82868227	1.91446059	0.00069739	0.0	-0.88644192	0.01575117	0.977539476	1.020910957	3.76972938	2.04063273	1.847303378
CCDC59	NR_033192	11	1557	13	807	7	25	11	14	3.73605106	6.8529826	6.08652795	8.8139363	7.27044292	5.68319363	4.09541077	4.43098236	1.94460765	0.0016773	0.0	-0.793707053	0.01328545	0.977539476	1.128932523	3.79116292	2.186686258	1.73523691
SRGN	NM_001321	236	7111	422	10085	87	493	76	114	8.0523638	10.4259939	8.93121693	10.2491229	6.74118478	9.79455336	7.67846796	8.39232432	1.919251376	8.87E-05	0.0	-0.78447053	0.028081891	0.977539476	1.135143972	3.78226473	2.166940405	1.72202657
NGN	NM_001172	19	1497	89	3749	32	91	12	58	3.60977563	6.50734435	6.69686567	8.13052442	5.6123573	7.26406274	6.44019149	7.42256518	1.93613616	0.00143893	0.05	-0.97800756	0.02221081	0.999939399	1.930750296	3.70505951	1.90627504	1.983242036
UBE2B	NM_003317	9	467	36	280	13	53	25	19	3.47086463	6.70950312	5.41138777	6.11730077	4.07347351	6.89045376	3.8491840	5.82868227	1.91446059	0.00069739	0.0	-0.88644192	0.01575117	0.977539476	1.020910957	3.76972938	2.04063273	1.847303378
CCDC59	NR_033192	11	1557	13	807	7	25	11	14	3.73605106	6.8529826	6.08652795	8.8139363	7.27044292	5.68319363	4.09541077	4.43098236	1.94460765	0.0016773	0.0	-0.793707053	0.01328545	0.977539476	1.128932523	3.79116292	2.186686258	1.73523691
SRGN	NM_001321	236	7111	4																							