

Gen	Transkript	Chr	Start	End	AML	MDS	MPN mini	MPN erweitert	MDS/MPN	Multiples Myelom	Morbus Waldenström	Wissenschaftlich		
ASXL1	NM_015338.6	chr20	31022227	31024720	✓	✓		✓	✓					
			chrX 39922001	39922324	✓	✓		✓	✓					
			chrX 39921394	39921646	✓	✓		✓	✓					
			chrX 39916410	39916574	✓	✓		✓	✓					
			chrX 39914623	39914766	✓	✓		✓	✓					
			chrX 39913511	39913586	✓	✓		✓	✓					
			chrX 39913141	39913295	✓	✓		✓	✓					
			chrX 39911364	39911653	✓	✓		✓	✓					
			chrX 39937099	39937182	✓	✓		✓	✓					
			chrX 39935709	39935785	✓	✓		✓	✓					
BCOR	NM_001123385.2	chrX	39931604	39934433	✓	✓		✓	✓					
			chrX 39930892	39930943	✓	✓		✓	✓					
			chrX 39930228	39930412	✓	✓		✓	✓					
			chrX 39923591	39923852	✓	✓		✓	✓					
			chrX 39922863	39923205	✓	✓		✓	✓					
			chrX 129139197	129139303	✓	✓		✓	✓					
			chrX 129146543	129146654	✓	✓		✓	✓					
			chrX 129146915	129150199	✓	✓		✓	✓					
			chrX 129154949	129155135	✓	✓		✓	✓					
			chrX 129156861	129156962	✓	✓		✓	✓					
BCORL1	NM_001379451.1	chrX	129158954	129159364	✓	✓		✓	✓					
			chrX 129162599	129162846	✓	✓		✓	✓					
			chrX 129171331	129171518	✓	✓		✓	✓					
			chrX 129173101	129173267	✓	✓		✓	✓					
			chrX 129184681	129184779	✓	✓		✓	✓					
			chrX 129185824	129186001	✓	✓		✓	✓					
			chrX 129189818	129190121	✓	✓		✓	✓					
			chr7 140477793	140477875							✓			✓
			chr7 140481378	140481493							✓			✓
			chr7 140453077	140453193							✓			✓
CALR	NM_004343.4	chr19	13054528	13054733	✓		✓	✓						
CBL	NM_005188.4	chr11	119148457	119148557	✓	✓		✓	✓					
			chr11 119148878	119149007	✓	✓		✓	✓					
			chr11 119149222	119149423	✓	✓		✓	✓					
CEBPA	NM_004364.5	chr19	33792231	33793335	(✓)									
CSF3R	NM_000760.4	chr1	36933417	36933573	✓			✓	✓					
			chr1 36933153	36933262	✓			✓	✓					
			chr1 36932825	36932922	✓			✓	✓					
			chr1 36931950	36932519	✓			✓	✓					
CXCR4	NM_001008540.2	chr2	136872433	136872620						✓	✓			
DDX41	NM_016222.4	chr5	176938781	176938938	✓	✓		✓	✓					
			chr5 176939086	176939217	✓	✓		✓	✓					
			chr5 176939312	176939404	✓	✓		✓	✓					
			chr5 176939486	176939656	✓	✓		✓	✓					
			chr5 176939770	176939887	✓	✓		✓	✓					
			chr5 176940001	176940093	✓	✓		✓	✓					
			chr5 176940343	176940495	✓	✓		✓	✓					
			chr5 176940675	176940858	✓	✓		✓	✓					
			chr5 176941691	176941848	✓	✓		✓	✓					
			chr5 176941906	176942080	✓	✓		✓	✓					
			chr5 176942176	176942269	✓	✓		✓	✓					
			chr5 176942675	176942832	✓	✓		✓	✓					
			chr5 176942919	176943000	✓	✓		✓	✓					
			chr5 176943109	176943204	✓	✓		✓	✓					
			chr5 176943278	176943458	✓	✓		✓	✓					
			chr5 176943715	176943846	✓	✓		✓	✓					
chr5 176943909	176943956	✓	✓		✓	✓								
DNMT3A	NM_175629.2	chr2	25470898	25471131	✓	✓		✓	✓					
			chr2 25470452	25470628	✓	✓		✓	✓					
			chr2 25469912	25470037	✓	✓		✓	✓					
			chr2 25469481	25469655	✓	✓		✓	✓					
			chr2 25469021	25469188	✓	✓		✓	✓					
			chr2 25468881	25468943	✓	✓		✓	✓					
			chr2 25468114	25468211	✓	✓		✓	✓					
			chr2 25467401	25467531	✓	✓		✓	✓					
			chr2 25467016	25467217	✓	✓		✓	✓					
			chr2 25466759	25466861	✓	✓		✓	✓					
			chr2 25464423	25464586	✓	✓		✓	✓					
			chr2 25463501	25463609	✓	✓		✓	✓					
			chr2 25463163	25463329	✓	✓		✓	✓					
			chr2 25461991	25462094	✓	✓		✓	✓					
chr2 25459797	25459884	✓	✓		✓	✓								
chr2 25458568	25458704	✓	✓		✓	✓								
chr2 25457140	25457299	✓	✓		✓	✓								
ETNK1	NM_018638.5	chr12	22811942	22812097	✓			✓	✓					
ETV6	NM_001987.5	chr12	11803059	11803099	✓	✓		✓	✓					
			chr12 11905381	11905518	✓	✓		✓	✓					
			chr12 11992071	11992243	✓	✓		✓	✓					
			chr12 12006358	12006500	✓	✓		✓	✓					
			chr12 12022355	12022908	✓	✓		✓	✓					
			chr12 12037376	12037526	✓	✓		✓	✓					
			chr12 12038857	12038965	✓	✓		✓	✓					
EZH2	NM_004456.5	chr7	148516685	148516784	✓	✓		✓	✓					
			chr7 148514966	148515214	✓	✓		✓	✓					
			chr7 148514311	148514488	✓	✓		✓	✓					
			chr7 148513773	148513875	✓	✓		✓	✓					
			chr7 148512595	148512643	✓	✓		✓	✓					
			chr7 148512003	148512136	✓	✓		✓	✓					
			chr7 148511048	148511234	✓	✓		✓	✓					
			chr7 148508714	148508817	✓	✓		✓	✓					
			chr7 148507422	148507511	✓	✓		✓	✓					
			chr7 148506399	148506487	✓	✓		✓	✓					
			chr7 148506160	148506252	✓	✓		✓	✓					
			chr7 148504735	148504803	✓	✓		✓	✓					
			chr7 148544271	148544395	✓	✓		✓	✓					
			chr7 148543559	148543695	✓	✓		✓	✓					
chr7 148529723	148529847	✓	✓		✓	✓								
chr7 148526817	148526945	✓	✓		✓	✓								
chr7 148525829	148525977	✓	✓		✓	✓								
chr7 148524253	148524363	✓	✓		✓	✓								
chr7 148523543	148523729	✓	✓		✓	✓								
FLT3-TKD	NM_004119.3	chr13	28607955	28608613	✓	✓		✓	✓					
			chr13 28602247	28602496	✓	✓		✓	✓					
			chr13 28592535	28592796	✓	✓		✓	✓					

Gen	Transkript	Chr	Start	End	AML	MDS	MPN mini	MPN erweitert	MDS/MPN	Multiples Myelom	Morbus Waldenström	Wissenschaftlich
GATA2	NM_001145661.2	chr3	128199846	128200176	✓	✓		✓	✓			
		chr3	128200646	128200802	✓	✓		✓	✓			
		chr3	128202687	128202863	✓	✓		✓	✓			
		chr3	128204554	128205226	✓	✓		✓	✓			
		chr3	128205630	128205889	✓	✓		✓	✓			
GNB1	NM_002074.5	chr1	1720480	1720718	✓	✓		✓	✓			
		chr1	1718758	1718886	✓	✓		✓	✓			
		chr1	1756824	1756902	✓	✓		✓	✓			
		chr1	1749264	1749324	✓	✓		✓	✓			
		chr1	1747183	1747311	✓	✓		✓	✓			
		chr1	1737902	1737987	✓	✓		✓	✓			
		chr1	1735846	1736030	✓	✓		✓	✓			
		chr1	1724672	1724760	✓	✓		✓	✓			
		chr1	1721822	1722045	✓	✓		✓	✓			
IDH1	NM_005896.3	chr2	209113085	209113394	✓	✓		✓	✓			
IDH2	NM_002168.3	chr15	90631811	90631989	✓	✓		✓	✓			
JAK2	NM_004972.4	chr9	5066666	5066799	✓		✓	✓	✓			
		chr9	5069010	5069218	✓		✓	✓	✓			
		chr9	5069913	5070062	✓		✓	✓	✓			
		chr9	5072480	5072636	✓		✓	✓	✓			
		chr9	5073686	5073795	✓		✓	✓	✓			
		chr9	5077441	5077590	✓		✓	✓	✓			
		chr9	5078294	5078454	✓		✓	✓	✓			
		chr9	5080217	5080390	✓		✓	✓	✓			
		chr9	5080521	5080693	✓		✓	✓	✓			
		chr9	5081713	5081871	✓		✓	✓	✓			
		chr9	5089662	5089873	✓		✓	✓	✓			
		chr9	5090434	5090580	✓		✓	✓	✓			
		chr9	5090727	5090921	✓		✓	✓	✓			
		chr9	5122992	5123131	✓		✓	✓	✓			
		chr9	5126321	5126456	✓		✓	✓	✓			
		chr9	5126672	5126801	✓		✓	✓	✓			
		chr9	5021976	5022223	✓		✓	✓	✓			
		chr9	5029771	5029916	✓		✓	✓	✓			
		chr9	5044391	5044530	✓		✓	✓	✓			
chr9	5050674	5050841	✓		✓	✓	✓					
chr9	5054551	5054894	✓		✓	✓	✓					
chr9	5055657	5055798	✓		✓	✓	✓					
chr9	5064871	5065050	✓		✓	✓	✓					
KIT	NM_000222.3	chr4	55593372	55593502	✓							
		chr4	55593570	55593718	✓							
		chr4	55593977	55594299	✓							
		chr4	55599224	55599368	✓							
		chr4	55561665	55561960	✓							
		chr4	55589738	55589874	✓							
KRAS	NM_033360.4	chr12	25398196	25398328	✓	✓		✓	✓	✓		
		chr12	25380156	25380356	✓	✓		✓	✓	✓		
		chr12	25378527	25378733	✓	✓		✓	✓	✓		
MPL	NM_005373.3	chr1	43803504	43803613	✓		✓	✓	✓			
		chr1	43803754	43803917	✓		✓	✓	✓			
		chr1	43804197	43804406	✓		✓	✓	✓			
		chr1	43804926	43805255	✓		✓	✓	✓			
		chr1	43805619	43805812	✓		✓	✓	✓			
		chr1	43806042	43806199	✓		✓	✓	✓			
		chr1	43812100	43812315	✓		✓	✓	✓			
		chr1	43812447	43812620	✓		✓	✓	✓			
		chr1	43814498	43814688	✓		✓	✓	✓			
		chr1	43814918	43815045	✓		✓	✓	✓			
		chr1	43817871	43817989	✓		✓	✓	✓			
		chr1	43818173	43818458	✓		✓	✓	✓			

Gen	Transkript	Chr	Start	End	AML	MDS	MPN mini	MPN erweitert	MDS/MPN	Multiples Myelom	Morbus Waldenström	Wissenschaftlich
MYD88	NM_001172567.1	chr3	38182611	38182787							✓	✓
		chr3	38182236	38182349							✓	✓
		chr3	38181867	38182093							✓	✓
NF1	NM_001042492.3	chr17	29422316	29422397	✓	✓		✓	✓			
		chr17	29528043	29528187	✓	✓		✓	✓			
		chr17	29528417	29528513	✓	✓		✓	✓			
		chr17	29533246	29533399	✓	✓		✓	✓			
		chr17	29541457	29541613	✓	✓		✓	✓			
		chr17	29546011	29546146	✓	✓		✓	✓			
		chr17	29548856	29549018	✓	✓		✓	✓			
		chr17	29550450	29550595	✓	✓		✓	✓			
		chr17	29552101	29552278	✓	✓		✓	✓			
		chr17	29553441	29553712	✓	✓		✓	✓			
		chr17	29554224	29554319	✓	✓		✓	✓			
		chr17	29482989	29483154	✓	✓		✓	✓			
		chr17	29554529	29554634	✓	✓		✓	✓			
		chr17	29556031	29556493	✓	✓		✓	✓			
		chr17	29556841	29557002	✓	✓		✓	✓			
		chr17	29557266	29557410	✓	✓		✓	✓			
		chr17	29557848	29557953	✓	✓		✓	✓			
		chr17	29559079	29559217	✓	✓		✓	✓			
		chr17	29559706	29559909	✓	✓		✓	✓			
		chr17	29560008	29560241	✓	✓		✓	✓			
		chr17	29562617	29562800	✓	✓		✓	✓			
		chr17	29562924	29563049	✓	✓		✓	✓			
		chr17	29486016	29486121	✓	✓		✓	✓			
		chr17	29575990	29576147	✓	✓		✓	✓			
		chr17	29579944	29580028	✓	✓		✓	✓			
		chr17	29585350	29585530	✓	✓		✓	✓			
		chr17	29586038	29586157	✓	✓		✓	✓			
		chr17	29587375	29587543	✓	✓		✓	✓			
		chr17	29588717	29588885	✓	✓		✓	✓			
		chr17	29592235	29592367	✓	✓		✓	✓			
		chr17	29652826	29653280	✓	✓		✓	✓			
		chr17	29654505	29654867	✓	✓		✓	✓			
		chr17	29657302	29657526	✓	✓		✓	✓			
		chr17	29490192	29490404	✓	✓		✓	✓			
		chr17	29661844	29662059	✓	✓		✓	✓			
		chr17	29663339	29663501	✓	✓		✓	✓			
		chr17	29663641	29663942	✓	✓		✓	✓			
		chr17	29664374	29664610	✓	✓		✓	✓			
		chr17	29664825	29664908	✓	✓		✓	✓			
		chr17	29665031	29665167	✓	✓		✓	✓			
		chr17	29665710	29665833	✓	✓		✓	✓			
		chr17	29667511	29667673	✓	✓		✓	✓			
		chr17	29670015	29670163	✓	✓		✓	✓			
chr17	29676126	29676279	✓	✓		✓	✓					
chr17	29496897	29497025	✓	✓		✓	✓					
chr17	29677189	29677346	✓	✓		✓	✓					
chr17	29679263	29679442	✓	✓		✓	✓					
chr17	29683466	29683610	✓	✓		✓	✓					
chr17	29683966	29684118	✓	✓		✓	✓					
chr17	29684275	29684397	✓	✓		✓	✓					
chr17	29685486	29685650	✓	✓		✓	✓					
chr17	29685975	29686043	✓	✓		✓	✓					
chr17	29687493	29687731	✓	✓		✓	✓					
chr17	29701019	29701183	✓	✓		✓	✓					
chr17	29508428	29508517	✓	✓		✓	✓					
chr17	29508716	29508813	✓	✓		✓	✓					
chr17	29509514	29509693	✓	✓		✓	✓					
chr17	29527428	29527623	✓	✓		✓	✓					
NOTCH1	NM_017617.5	chr9	139399113	139399566	✓	✓						
		chr9	139397622	139397792	✓	✓						
		chr9	139396712	139396950	✓	✓						
		chr9	139390511	139391458	✓	✓						
NPM1	NM_002520.7	chr5	170834696	170834788	✓	✓		✓	✓			
		chr5	170837523	170837579	✓	✓		✓	✓			
		chr5	170837518	170837584	✓	✓		✓	✓			
NRAS	NM_002524.5	chr1	115252174	115252373	✓	✓		✓	✓	✓		
		chr1	115258663	115258791	✓	✓		✓	✓			
		chr1	115256413	115256609	✓	✓		✓	✓			
PHF6	NM_032458.3	chrX	133559219	133559370	✓	✓		✓	✓			
		chrX	133511636	133511795	✓	✓		✓	✓			
		chrX	133512023	133512146	✓	✓		✓	✓			
		chrX	133527519	133527674	✓	✓		✓	✓			
		chrX	133527927	133527992	✓	✓		✓	✓			
		chrX	133547506	133547697	✓	✓		✓	✓			
		chrX	133547841	133548006	✓	✓		✓	✓			
chrX	133549034	133549262	✓	✓		✓	✓					
chrX	133551187	133551347	✓	✓		✓	✓					

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PPM1D	NM_003620.4	chr17	58740338	58740934	✓	✓		✓	✓					
		chr17	1554080	1554265	✓	✓		✓	✓					
		chr17	1554386	1554619	✓	✓		✓	✓					
		chr17	1554692	1554862	✓	✓		✓	✓					
		chr17	1554926	1555097	✓	✓		✓	✓					
		chr17	1556820	1556992	✓	✓		✓	✓					
		chr17	1557055	1557325	✓	✓		✓	✓					
		chr17	1558628	1558852	✓	✓		✓	✓					
		chr17	1559670	1559874	✓	✓		✓	✓					
		chr17	1559926	1560070	✓	✓		✓	✓					
		chr17	1561531	1561690	✓	✓		✓	✓					
		chr17	1561804	1562072	✓	✓		✓	✓					
		chr17	1562635	1562857	✓	✓		✓	✓					
		chr17	1563119	1563310	✓	✓		✓	✓					
		chr17	1563710	1563887	✓	✓		✓	✓					
		chr17	1563976	1564136	✓	✓		✓	✓					
		chr17	1564271	1564471	✓	✓		✓	✓					
		chr17	1564549	1564715	✓	✓		✓	✓					
		chr17	1564889	1565099	✓	✓		✓	✓					
		chr17	1565184	1565462	✓	✓		✓	✓					
		chr17	1576359	1576506	✓	✓		✓	✓					
		chr17	1576635	1576876	✓	✓		✓	✓					
		PRPF8	NM_006445.4	chr17	1577024	1577201	✓	✓		✓	✓			
				chr17	1577720	1577989	✓	✓		✓	✓			
				chr17	1578430	1578648	✓	✓		✓	✓			
				chr17	1578898	1579121	✓	✓		✓	✓			
				chr17	1579206	1579363	✓	✓		✓	✓			
				chr17	1579485	1579679	✓	✓		✓	✓			
				chr17	1579783	1580020	✓	✓		✓	✓			
				chr17	1580254	1580481	✓	✓		✓	✓			
				chr17	1580843	1581003	✓	✓		✓	✓			
				chr17	1581796	1581961	✓	✓		✓	✓			
				chr17	1582040	1582190	✓	✓		✓	✓			
				chr17	1582295	1582515	✓	✓		✓	✓			
				chr17	1582569	1582719	✓	✓		✓	✓			
				chr17	1582887	1583108	✓	✓		✓	✓			
				chr17	1584004	1584140	✓	✓		✓	✓			
				chr17	1584207	1584363	✓	✓		✓	✓			
				chr17	1584756	1584999	✓	✓		✓	✓			
				chr17	1585098	1585347	✓	✓		✓	✓			
chr17	1585407			1585602	✓	✓		✓	✓					
chr17	1586811			1587010	✓	✓		✓	✓					
chr17	1587750	1587880	✓	✓		✓	✓							
PTPN11	NM_002834.5	chr12	112926825	112926984	✓	✓		✓	✓					
		chr12	112888119	112888321	✓	✓		✓	✓					
RAD21	NM_006265.3	chr8	117864785	117864950	✓	✓		✓	✓					
		chr8	117864184	117864340	✓	✓		✓	✓					
		chr8	117862854	117863011	✓	✓		✓	✓					
		chr8	117861182	117861273	✓	✓		✓	✓					
		chr8	117859736	117859935	✓	✓		✓	✓					
		chr8	117878822	117878973	✓	✓		✓	✓					
		chr8	117875366	117875503	✓	✓		✓	✓					
		chr8	117874077	117874184	✓	✓		✓	✓					
		chr8	117870588	117870702	✓	✓		✓	✓					
		chr8	117869503	117869717	✓	✓		✓	✓					
		chr8	117868882	117869015	✓	✓		✓	✓					
		chr8	117868402	117868530	✓	✓		✓	✓					
RUNX1	NM_001754.5	chr21	36259137	36259398	✓	✓		✓	✓					
		chr21	36252851	36253015	✓	✓		✓	✓					
		chr21	36231768	36231880	✓	✓		✓	✓					
		chr21	36206704	36206903	✓	✓		✓	✓					
		chr21	36171595	36171764	✓	✓		✓	✓					
		chr21	36164429	36164912	✓	✓		✓	✓					
		chr21	36259137	36259398	✓	✓		✓	✓					
		chr21	36206704	36206903	✓	✓		✓	✓					
		chr21	36171595	36171764	✓	✓		✓	✓					
		chr21	36164429	36164912	✓	✓		✓	✓					
SETBP1	NM_015559.3	chr18	42531706	42532155	✓	✓		✓	✓					
SF3B1	NM_012433.4	chr2	198267277	198267555	✓	✓		✓	✓					
		chr2	198266706	198266859	✓	✓		✓	✓					
		chr2	198266463	198266617	✓	✓		✓	✓					
SRSF2	NM_003016.4	chr17	74732878	74733055	✓	✓		✓	✓					
STAG2	NM_001042750.2	chrX	123182843	123182938	✓	✓		✓	✓					
		chrX	123184024	123184169	✓	✓		✓	✓					
		chrX	123184959	123185079	✓	✓		✓	✓					
		chrX	123185153	123185254	✓	✓		✓	✓					
		chrX	123189966	123190095	✓	✓		✓	✓					
		chrX	123191704	123191837	✓	✓		✓	✓					
		chrX	123195062	123195201	✓	✓		✓	✓					
		chrX	123195609	123195734	✓	✓		✓	✓					
		chrX	123196740	123196854	✓	✓		✓	✓					
		chrX	123196954	123197065	✓	✓		✓	✓					
		chrX	123197686	123197911	✓	✓		✓	✓					
		chrX	123199714	123199806	✓	✓		✓	✓					
		chrX	123200013	123200122	✓	✓		✓	✓					
		chrX	123200194	123200296	✓	✓		✓	✓					
		chrX	123202402	123202516	✓	✓		✓	✓					
		chrX	123204987	123205183	✓	✓		✓	✓					
		chrX	123210170	123210331	✓	✓		✓	✓					
		chrX	123211795	123211918	✓	✓		✓	✓					
		chrX	123215218	123215388	✓	✓		✓	✓					
		chrX	123217259	123217409	✓	✓		✓	✓					
		chrX	123156466	123156531	✓	✓		✓	✓					
		chrX	123220385	123220630	✓	✓		✓	✓					
		chrX	123224413	123224624	✓	✓		✓	✓					
		chrX	123224692	123224824	✓	✓		✓	✓					
		chrX	123227856	123228004	✓	✓		✓	✓					
		chrX	123229210	123229309	✓	✓		✓	✓					
		chrX	123234412	123234457	✓	✓		✓	✓					
		chrX	123159678	123159778	✓	✓		✓	✓					
		chrX	123164799	123164985	✓	✓		✓	✓					
		chrX	123171365	123171483	✓	✓		✓	✓					
		chrX	123176407	123176505	✓	✓		✓	✓					
		chrX	123179002	123179228	✓	✓		✓	✓					
chrX	123181192	123181365	✓	✓		✓	✓							
STAT3	NM_139276.3	chr17	40475266	40475382								✓		
		chr17	40475010	40475171									✓	
		chr17	40474288	40474522									✓	
STAT5B	NM_012448.4	chr17	40359558	40359765								✓		

Gen	Transkript	Chr	Start	End	AML	MDS	MPN mini	MPN erweitert	MDS/MPN	Multiples Myelom	Morbus Waldenström	Wissenschaftlich	
TERC	NM_032487.5	chr3	169482384	169482915	✓								
		chr5	1253827	1253961	✓								
			chr5	1254467	1254635	✓							
			chr5	1254480	1254635	✓							
			chr5	1255386	1255541	✓							
			chr5	1258697	1258789	✓							
			chr5	1260573	1260730	✓							
			chr5	1264503	1264722	✓							
			chr5	1266563	1266665	✓							
	TERT	NM_198253.3	chr5	1268619	1268763	✓							
			chr5	1271218	1271334	✓							
			chr5	1272284	1272410	✓							
			chr5	1278740	1278926	✓							
			chr5	1279390	1279600	✓							
chr5			1280257	1280468	✓								
chr5			1282528	1282754	✓								
chr5			1293412	1294796	✓								
chr5			1294870	1295119	✓								
				chr4	106193708	106194090	✓	✓		✓	✓		
TET2	NM_001127208.3	chr4	106196192	106197691	✓	✓		✓	✓				
		chr4	106155087	106158612	✓	✓		✓	✓				
		chr4	106162483	106162601	✓	✓		✓	✓				
		chr4	106163978	106164099	✓	✓		✓	✓				
		chr4	106164714	106164950	✓	✓		✓	✓				
		chr4	106180763	106180941	✓	✓		✓	✓				
		chr4	106182903	106183020	✓	✓		✓	✓				
		chr4	106190754	106190919	✓	✓		✓	✓				
TP53	NM_000546.6	chr17	7576525	7576594	✓	✓		✓	✓	✓			
		chr17	7573915	7574043	✓	✓		✓	✓	✓			
		chr17	7576613	7576667	✓	✓		✓	✓	✓			
		chr17	7572915	7573018	✓	✓		✓	✓	✓			
		chr17	7579827	7579922	✓	✓		✓	✓	✓			
		chr17	7579688	7579731	✓	✓		✓	✓	✓			
		chr17	7579300	7579600	✓	✓		✓	✓	✓			
		chr17	7578359	7578564	✓	✓		✓	✓	✓			
		chr17	7578165	7578299	✓	✓		✓	✓	✓			
		chr17	7577487	7577618	✓	✓		✓	✓	✓			
		chr17	7577007	7577165	✓	✓		✓	✓	✓			
		chr17	7576841	7576936	✓	✓		✓	✓	✓			
U2AF1	NM_001025203.1	chr21	44524413	44524522	✓	✓		✓	✓				
		chr21	44514753	44514908	✓	✓		✓	✓				
WT1	NM_024426.6	chr11	32410592	32410735	✓	✓		✓	✓				
		chr11	32452064	32452095	✓	✓		✓	✓				
		chr11	32456234	32456901	✓	✓		✓	✓				
		chr11	32450031	32450175	✓	✓		✓	✓				
		chr11	32449490	32449614	✓	✓		✓	✓				
		chr11	32439111	32439210	✓	✓		✓	✓				
		chr11	32438024	32438096	✓	✓		✓	✓				
		chr11	32421482	32421600	✓	✓		✓	✓				
		chr11	32417791	32417963	✓	✓		✓	✓				
		chr11	32414200	32414311	✓	✓		✓	✓				
chr11	32413506	32413620	✓	✓		✓	✓						
ZRSR2	NM_005089.4	chrX	15808607	15808669	✓	✓		✓	✓				
		chrX	15838318	15838449	✓	✓		✓	✓				
		chrX	15840842	15841375	✓	✓		✓	✓				
		chrX	15809045	15809146	✓	✓		✓	✓				
		chrX	15817983	15818086	✓	✓		✓	✓				
		chrX	15821799	15821929	✓	✓		✓	✓				
		chrX	15822222	15822330	✓	✓		✓	✓				
		chrX	15826344	15826404	✓	✓		✓	✓				
		chrX	15827311	15827451	✓	✓		✓	✓				
		chrX	15833788	15834023	✓	✓		✓	✓				
chrX	15836698	15836775	✓	✓		✓	✓						