Taylor et al. Frequent alterations and epigenetic silencing in differentiation pathway genes in structurally rearranged liposarcomas
List of supplementary tables

Table S1: Clinical characteristics of sequenced patient tumors.

Case	**DLPS1**	**DLPS2**
Data related to patient's primary tumor		
Age at presentation	60	74
Gender	Male	Female
Primary grade	High	Low
Primary depth	Deep depth	Deep depth
Size (largest dimension--primary tumor)	25	9
Histology for primary tumor	Liposarcoma	Liposarcoma
Variant for primary tumor	Dedifferentiated	Well-differentiated
Primary site	Retro-intrabdominal	Retro-intrabdominal
Primary subsite	Retroperitoneum	Retroperitoneum
Diagnosis date	22-Dec-04	19-Jan-07
Data related to patient's first surgery at MSKCC		
Presentation date	21-Jan-05	10-May-07
Presentation status	Primary-only (biopsy)	Local recurrence
First MSK surgery date	27-Jan-05	23-Oct-07
First MSK surgery status	Primary-only	First local recurrence
First surgery at MSK status--MICRO margins	Positive	Positive
First surgery at MSK status--GROSS margins	Negative	Negative
First surgery at MSK status--R0,R1,R2	R1	R1
Local recurrence since presentation	11-Jul-05	4-Dec-08
Time to local recurrence after presentation	6.60	22.51
Metastasis since presentation	-	-
Time to distant recurrence after presentation	-	-
Data related to patient's sample		
Stage of sample	Primary	First local recurrence
Surgery date of sample	27-Jan-05	23-Oct-07
Sample status-- R0,R1,R2	R1	R1
Histology of the sample	Liposarcoma	Liposarcoma
Variant of the sample	Dedifferentiated	Dedifferentiated
Grade of the sample	High	High
Largest dimension size of the sample	25	9
First LR post-sample	11-Jul-05	4-Dec-08
Time to LR from sample date	5.42	13.40
First DR post-sample	None	None
Time to DR from sample date	-	-
General follow-up		
Comorbidities	None reported	None reported
Survival date (FUP)	17-Feb-11	12-Apr-11
Status	AWD	AWD
Overall survival (months from diagnosis)	73.86	50.73
Overall survival (months from presentation)	72.87	47.08
Overall survival (months from sample)	72.67	41.63

* AWD; alive with disease

Table S2: Somatic rearrangements in liposarcoma genomes

Sample	Type	Status	Chr1	Locus1	Chr2	Locus2	Atypical reads	Gene1	Accession	Orientation	Region	Position	Phase	Gene2	Accession	Orientation	Region	Position	Phase
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	3	95024929-95026411	12	41459522-41461100	342												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	3	95027696-95027989	12	65071272-65071565	20							GRIP1	NM_021150	-	CDS	Intron 18	1
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	3	95027859-95029006	12	62627146-62628293	10							SRGAP1	NM_020762	+	CDS	Intron 1	0
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	3	95028727-95029001	12	58342720-58342994	48												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	3	95031957-95032447	12	43051371-43051861	66							TMEM117	NM_032256	+	CDS	Intron 6	2
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	3	95032674-95034006	12	39967764-39969023	31							PDZRN4	NM_001164595	+	CDS	Intron 3	0
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	3	95049438-95050911	20	7631631-7633104	6												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	3	95063339-95064750	12	66762660-66763966	114												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	3	95067417-95068178	12	57122804-57123565	7												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	3	95074027-95074907	12	58281491-58282371	30	PROS1	NM_000313	-	3 UTR								
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	3	95101216-95101966	20	7629827-7630577	10	PROS1	NM_000313	-	CDS	Intron 7	1						
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	3	95106415-95107407	12	41311809-41312801	29	PROS1	NM_000313	-	CDS	Intron 6	1						
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	3	95175040-95176708	12	40031355-40032927	115	PROS1	NM_000313	-	CDS	Intron 1	1	PDZRN4	NM_001164595	+	CDS	Intron 3	0
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	3	95177544-95179449	12	78166150-78167763	175							SYT1	NM_001135805	+	CDS	Intron 5	0
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	3	95181811-95183061	12	68151382-68152729	92	ARL13B	NM_144996	+	CDS	Exon 1	Unknown	FRS2	NM_006654	+	CDS	Intron 1	-1
DLPS1	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	3	95768677-95769337	12	58077446-58078106	20												
DLPS1	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	3	95796397-95797238	12	71329437-71330278	6							TRHDE	NM_013381	+	CDS	Intron 15	2
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	3	95810901-95812083	12	37379626-37381058	81							CPNE8	NM_153634	-	CDS	Intron 14	1
DLPS1	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	3	95832684-95833660	12	69048736-69049764	84							KCNMB4	NM_014505	+	CDS	Intron 1	0
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	3	95935478-95936727	12	80295842-80297008	134							PPFIA2	NM_003625	-	CDS	Intron 9	0
DLPS1	Interchromosomal non-reciprocal	Somatic	3	189208903-189210099	6	93152425-93153621	5												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex	Somatic	5	1279807-1280658	5	12424956-12425807	20	SLC6A18	NM_182632	+	CDS	Intron 1	0						
DLPS1	Intrachromosomal non-inverted orientation	Somatic	5	2170810-2171396	5	12422099-12422685	8												
DLPS1	Intrachromosomal non-inverted orientation	Somatic	5	3404331-3405045	5	4635787-4636501	10												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex	Somatic	5	6780027-6780544	5	7982990-7983507	13	POLS	NM_006999	+	CDS	Intron 1	-1						
DLPS1	Intrachromosomal inverted orientation	Somatic	5	14510696-14511457	5	27990162-27990923	11	TRIO	NM_007118	+	CDS	Intron 34	0						
DLPS1	Intrachromosomal inverted orientation, mixed-type complex	Somatic	5	16068750-16069204	5	17078521-17078975	14												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex	Somatic	5	18226456-18227425	5	19525964-19526933	5							CDH18	NM_001167667	-	CDS	Intron 11	1
DLPS1	Intrachromosomal inverted orientation, mixed-type complex	Somatic	5	24963515-24964582	5	27932800-27933867	8												
DLPS1	Intrachromosomal inverted orientation	Somatic	5	31224243-31225795	5	31224651-31226203	6												
DLPS1	Intrachromosomal inverted orientation	Somatic	5	147530653-147531959	5	147533245-147534551	6	SPINK5L2	NM_001001325	+	CDS	Intron 1	0	SPINK5L2	NM_001001325	+	CDS	Intron 2	1
DLPS1	Interchromosomal non-reciprocal	Somatic	6	133635777-133637583	11	84870933-84872739	6	EYA4	NM_172103	+	CDS	Intron 1	-1	DLG2	NM_001142699	-	CDS	Intron 3	1
DLPS1	Interchromosomal non-reciprocal	Somatic	8	43213913-43214285	12	41188842-41189799	7							PRICKLE1	NM_153026	-	CDS	Intron 1	0
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	8	43213975-43214938	12	41161398-41162153	6							PRICKLE1	NM_153026	-	CDS	Intron 1	0
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	8	43216144-43217801	12	63542455-63543069	8												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	8	43216217-43217746	12	41161966-41162168	8							PRICKLE1	NM_153026	-	CDS	Intron 1	0
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	8	43216231-43217915	12	42098430-42099297	13							ADAMTS20	NM_025003	-	CDS	Intron 28	0
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	8	43216482-43217749	12	70786958-70787561	6												
DLPS1	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	8	43217005-43217802	12	66506044-66506659	6												
DLPS1	Interchromosomal non-reciprocal	Somatic	8	43217488-43217955	12	41189023-41189932	9							PRICKLE1	NM_153026	-	CDS	Intron 1	0
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	82255447-82256911	12	71114822-71115900	139							TRHDE	NM_013381	+	CDS	Intron 3	0
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	82263661-82265264	12	62606363-62608005	231							SRGAP1	NM_020762	+	CDS	Intron 1	0
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	82279243-82279778	12	59452181-59452716	19												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	82296574-82297881	12	56534609-56535921	81												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	82331173-82332433	12	42008778-42010038	8												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	82332873-82333617	12	71139380-71140124	80							TRHDE	NM_013381	+	CDS	Intron 3	0
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	82333214-82334668	12	55314639-55316270	98							BAZ2A	NM_013449	-	CDS	Intron 1	1
DLPS1	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	9	93828029-93829087	12	70341122-70342180	5							ZFC3H1	NM_144982	-	CDS	Intron 1	1
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	113815881-113817016	12	72232831-72234254	44												
DLPS1	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	9	113850874-113852022	12	64628131-64629279	5	SUSD1	NM_022486	-	CDS	Intron 15	1	HMGA2	NM_003483	+	CDS	Intron 3	0
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	119880996-119882286	12	72192829-72194207	96												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	120050898-120051772	12	71283017-71283891	7							TRHDE	NM_013381	+	CDS	Intron 12	0
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	120061356-120061904	12	61881846-61882394	20												
DLPS1	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	9	121133955-121134754	12	63100009-63100808	16	DBC1	NM_014618	-	CDS	Intron 1	0	XPOT	NM_007235	+	CDS	Intron 6	0
DLPS1	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	9	121251741-121252194	12	73149194-73149647	30												
DLPS1	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	9	121361633-121362449	12	61941946-61942762	11												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	121475700-121477168	12	73438038-73439506	5												
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	9	124779602-124780902	9	131033611-131035087	65	RABGAP1	NM_012197	+	CDS	Intron 2	0						
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	125928241-125928432	12	40573170-40573361	21												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	125934772-125935980	12	40438423-40439945	27												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	9	125936689-125937752	9	129661505-129662568	6												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	126004234-126004693	12	71632705-71633164	29												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	126310695-126310821	12	61170428-61170554	29							MON2	NM_015026	+	CDS	Intron 2	0
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	126318907-126320324	12	65869118-65870535	5												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	126319090-126320396	12	65760343-65761444	52												
DLPS1	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	9	126351646-126352293	12	66670496-66671143	23	NR6A1	NM_001489	-	CDS	Intron 3	1						
DLPS1	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	9	126351970-126352197	12	71164758-71164985	40	NR6A1	NM_001489	-	CDS	Intron 3	1	TRHDE	NM_013381	+	CDS	Intron 5	0
DLPS1	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	9	127365582-127366708	19	34005874-34007000	7	MAPKAP1	NM_024117	-	CDS	Intron 5	2						
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	128584320-128584761	12	71663812-71664253	30												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	128588551-128589543	12	71675184-71676440	41												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	128737474-128737821	12	56943923-56944270	39	RALGPS1	NM_014636	+	CDS	Intron 1	-1						
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - non-amplified DNA-to-amplicon	Somatic	9	129350124-129351049	9	129693899-129695204	37	FAM129B	NM_001035534	-	CDS	Intron 1	1	ST6GALNAC6	NM_013443	-	CDS	Intron 4	0
DLPS1	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	9	129900811-129901706	12	66740119-66741014	10	SLC25A25	NM_001006641	+	CDS	Intron 1	0						
DLPS1	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	9	129916349-129916573	12	58255043-58255267	17												
DLPS1	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	9	129938486-129939018	12	58124308-58124840	61												
DLPS1	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	9	130218408-130219524	12	70295294-70296410	8							ZFC3H1	NM_144982	-	CDS	Exon 28	Unknown
DLPS1	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	9	130242428-130243735	12	59749585-59750707	48												
DLPS1	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	9	130252841-130254124	12	71596969-71598152	42												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	130412111-130413305	12	65850152-65851703	49	SPTAN1	NM_003127	+	CDS	Intron 36	2						
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	130512633-130513173	12	64274265-64274805	6	PKN3	NM_013355	+	CDS	Intron 6	0						
DLPS1	Interchromosomal non-reciprocal - amplicon-to-non-amplified DNA	Somatic	9	130960187-130960696	12	55896233-55896742	58												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	130984813-130986184	12	64442817-64444346	85							RPSAP52	Non-coding RNA				
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	131137853-131138419	12	68222155-68222721	16							FRS2	NM_006654	+	CDS	Intron 4	-1
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	131159607-131160666	19	37263250-37264309	10												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	131216864-131217735	12	68126711-68127582	8												
DLPS1	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	9	134249788-134250327	12	71509256-71509795	14	TTF1	NM_007344	-	CDS	Intron 9	2						
DLPS1	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	9	134249988-134251052	19	37367227-37368291	5	TTF1	NM_007344	-	CDS	Intron 9	2						
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	134650867-134651978	12	69406814-69407950	46	C9orf98	NM_152572	-	CDS	Intron 11	2	PTPRR	NM_002849	-	CDS	Intron 6	2
DLPS1	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	9	134669643-134670952	12	71163070-71164379	16	C9orf98	NM_152572	-	CDS	Intron 10	1	TRHDE	NM_013381	+	CDS	Intron 5	0
DLPS1	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	9	134671246-134672118	12	39513147-39514019	17	C9orf98	NM_152572	-	CDS	Intron 10	1	CNTN1	NM_175038	+	CDS	Intron 1	-1
DLPS1	Intrachromosomal inverted orientation, mixed-type complex	Somatic	11	59850250-59851151	11	61706996-61707897	5												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	11	78863329-78863392	12	78264394-78264457	64							SYT1	NM_001135805	+	CDS	Intron 9	0
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	11	79897366-79898352	12	62613009-62613660	10							SRGAP1	NM_020762	+	CDS	Intron 1	0
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	11	79953411-79954279	12	62626520-62627388	20							SRGAP1	NM_020762	+	CDS	Intron 1	0
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	11	80023283-80024311	12	57307854-57308882	16												
DLPS1	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	11	86368821-86370274	12	57021403-57022856	5												
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	37252235-37252984	12	70336995-70337744	11							ZFC3H1	NM_144982	-	CDS	Exon 2	Unknown
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	37378350-37379709	12	79296642-79298278	250	CPNE8	NM_153634	-	CDS	Intron 14	1						
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	37441208-37441952	12	76164458-76165202	15	CPNE8	NM_153634	-	CDS	Intron 9	2						
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	37443209-37443276	12	66389814-66389881	58	CPNE8	NM_153634	-	CDS	Intron 8	2						
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	37534365-37535496	12	42839325-42840693	78	CPNE8	NM_153634	-	CDS	Intron 3	0	TMEM117	NM_032256	+	CDS	Intron 4	2
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	38742485-38743962	12	41915745-41917027	183	SLC2A13	NM_052885	-	CDS	Intron 1	1						
DLPS1	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	12	38900109-38901080	12	70251606-70252577	10							LGR5	NM_003667	+	CDS	Exon 12	Unknown
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	38903228-38904054	12	42458479-42459305	11							IRAK4	NM_001145257	+	CDS	Intron 7	0
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	39185232-39185877	19	33931794-33932439	7												
DLPS1	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	12	39224453-39225476	12	72365237-72366260	5												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	39229193-39229729	12	69247677-69248213	5							PTPRB	NM_001109754	-	CDS	Intron 14	1
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	39392746-39393390	12	55277305-55277949	24	CNTN1	NM_175038	+	CDS	Intron 1	-1	BAZ2A	NM_013449	-	CDS	Exon 29	Unknown
DLPS1	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	12	39429055-39429340	12	42420004-42420289	48	CNTN1	NM_175038	+	CDS	Intron 1	-1	PUS7L	NM_031292	-	CDS	Intron 5	0
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	39475625-39476625	12	41197932-41199147	146	CNTN1	NM_175038	+	CDS	Intron 1	-1	PRICKLE1	NM_153026	-	CDS	Intron 1	0
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	39475673-39476708	12	66691604-66693176	71	CNTN1	NM_175038	+	CDS	Intron 1	-1						
DLPS1	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	12	39513902-39515060	12	71163675-71164833	17	CNTN1	NM_175038	+	CDS	Intron 1	-1	TRHDE	NM_013381	+	CDS	Intron 5	0
DLPS1	Intrachromosomal inverted orientation, mixed-type complex	Somatic	12	39901357-39902673	12	43774333-43775848	19	PDZRN4	NM_001164595	+	CDS	Intron 3	0						
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	39991701-39992601	12	66859047-66859947	23	PDZRN4	NM_001164595	+	CDS	Intron 3	0						
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	39992009-39992821	12	68987884-68988696	12	PDZRN4	NM_001164595	+	CDS	Intron 3	0	CNOT2	NM_014515	+	CDS	Intron 2	0
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	40285195-40286455	12	59345122-59346284	41												
DLPS1	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	12	40464807-40465135	12	71299601-71299929	24							TRHDE	NM_013381	+	CDS	Intron 13	2
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	40510042-40510190	12	58098331-58098479	47												
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	40516265-40517371	12	53752136-53753242	6												
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	40540337-40541766	12	63521214-63522740	115												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	40569970-40570881	20	7664058-7664969	13												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	40571323-40572336	20	7717683-7718696	21												
DLPS1	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	12	40573052-40574826	12	72086194-72087245	39												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	40616374-40617766	12	47716582-47718225	142							MLL2	NM_003482	-	CDS	Intron 34	1
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	40650936-40652222	12	57104500-57105786	5												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-non-amplified DNA	Somatic	12	40676761-40677701	19	36581214-36582154	10												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	40686383-40686679	12	41405508-41405804	34												
DLPS1	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	12	40872978-40873728	12	78264557-78265307	29	YAF2	NM_005748	-	CDS	Intron 2	2	SYT1	NM_001135805	+	CDS	Intron 9	0
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	40894415-40895698	12	61152011-61153072	154	YAF2	NM_005748	-	CDS	Intron 2	2	MON2	NM_015026	+	CDS	Intron 1	0
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	40898015-40899499	12	56192984-56193956	77	YAF2	NM_005748	-	CDS	Intron 2	2	MARS	NM_004990	+	CDS	Exon 15	Unknown
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	40927821-40928650	12	71440199-71441315	110												
DLPS1	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	12	40935982-40937375	12	73218553-73219946	12							LOC552889	NM_001136262	+	CDS	Exon 1	Unknown
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	40957344-40958727	12	56554528-56556079	49												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	41045763-41047201	12	57977015-57978453	9	PPHLN1	NM_016488	+	CDS	Intron 4	0						
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-non-amplified DNA	Somatic	12	41053514-41054420	12	43779886-43780929	14	PPHLN1	NM_016488	+	CDS	Intron 4	0						
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-non-amplified DNA	Somatic	12	41206327-41207446	12	43844635-43845754	5	PRICKLE1	NM_153026	-	CDS	Intron 1	0						
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	41238229-41239847	12	73478145-73479436	90	PRICKLE1	NM_153026	-	CDS	Intron 1	0						
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	41370238-41371582	12	72387273-72388345	18												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	41450914-41451841	19	33960029-33960956	6												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	41451914-41453481	20	7863390-7864942	452							HAO1	NM_017545	-	CDS	Intron 1	2
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-non-amplified DNA	Somatic	12	41785021-41786386	12	55433817-55435368	33												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	41828580-41830320	12	57915672-57917284	196												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	42038108-42039783	12	57306551-57307761	101	ADAMTS20	NM_025003	-	CDS	Intron 37	0						
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	42044476-42045230	12	69897295-69898049	11	ADAMTS20	NM_025003	-	CDS	Intron 37	0						
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	42045873-42047256	12	69814494-69815547	62	ADAMTS20	NM_025003	-	CDS	Intron 37	0	TSPAN8	NM_004616	-	CDS	Intron 6	0
DLPS1	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	12	42376304-42377332	12	73067144-73068172	7												
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	42619787-42620618	12	59403403-59404234	10	TMEM117	NM_032256	+	CDS	Intron 2	0						
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	43950694-43951678	12	66511479-66512883	64	ANO6	NM_001142679	+	CDS	Intron 1	0						
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	43957498-43957510	12	68188619-68188631	48	ANO6	NM_001142679	+	CDS	Intron 1	0	FRS2	NM_006654	+	CDS	Intron 1	-1
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-non-amplified DNA	Somatic	12	43959022-43959859	12	72721817-72722654	11	ANO6	NM_001142679	+	CDS	Intron 1	0						
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	43978922-43979467	12	61786463-61787008	25	ANO6	NM_001142679	+	CDS	Intron 1	0						
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	44146780-44147431	12	56505186-56505837	17							CTDSP2	NM_005730	-	CDS	Intron 5	0
DLPS1	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	12	47928253-47929150	12	65809526-65810423	7												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - non-amplified DNA-to-amplicon	Somatic	12	49554433-49555229	12	70400192-70400988	17	TMPRSS12	NM_182559	+	CDS	Intron 3	2						
DLPS1	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	12	50110539-50110970	12	71476820-71477251	26	SLC4A8	NM_001039960	+	CDS	Intron 1	0						
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	50147584-50148511	12	70134254-70135181	5	SLC4A8	NM_001039960	+	CDS	Intron 11	0	LGR5	NM_003667	+	CDS	Intron 1	0
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	53340007-53340025	12	57337075-57337093	45												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - non-amplified DNA-to-amplicon	Somatic	12	53363516-53364152	12	72491403-72492533	6												
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	53486472-53486997	12	59379820-59380345	54												
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	53549670-53550932	12	65733643-65734905	5												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	53554673-53555142	12	56236782-56237251	66							KIF5A	NM_004984	+	CDS	Intron 1	0
DLPS1	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	12	53569103-53570642	12	58202622-58204161	5												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	53588509-53589664	12	73695494-73696773	82												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - non-amplified DNA-to-amplicon	Somatic	12	53672822-53674296	12	69083291-69084783	114							KCNMB4	NM_014505	+	CDS	Intron 2	0

DLPS1	Intrachromosomal inverted orientation - non-amplified DNA-to-amplicon	Somatic	12	53691411-53692334	12	71168606-71169629	23							TRHDE	NM_013381	+	CDS	Intron 5	0
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	53714276-53715519	12	73198512-73199824	153												
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	53720554-53721989	12	59771855-59773210	166												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	53759403-53761224	12	61321343-61323146	134												
DLPS1	Intrachromosomal non-inverted orientation	Somatic	12	54139563-54140408	12	56042413-56043258	12												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	54195341-54195548	12	78210648-78210855	24							SYT1	NM_001135805	+	CDS	Intron 7	0
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	54297956-54299401	12	60145146-60146538	46												
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	54825044-54826266	12	63155508-63157119	150							TBK1	NM_013254	+	CDS	Intron 6	0
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	54920253-54921676	12	73463376-73464984	58	ANKRD52	NM_173595	-	CDS	Exon 28	Unknown						
DLPS1	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	12	55288509-55289262	12	56350136-56350889	25	BAZ2A	NM_013449	-	CDS	Intron 10	1						
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - non-amplified DNA-to-amplicon	Somatic	12	55311145-55311149	12	61117460-61117464	121	BAZ2A	NM_013449	-	CDS	Intron 1	1						
DLPS1	Intrachromosomal non-inverted orientation - non-amplified DNA-to-amplicon	Somatic	12	55738294-55738347	12	56810752-56810805	98	TMEM194A	NM_015257	-	CDS	Exon 8	Unknown						
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	56192017-56192544	12	57857965-57858492	33	MARS	NM_004990	+	CDS	Intron 12	0						
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	56230718-56232112	12	68298748-68300656	241	KIF5A	NM_004984	+	CDS	Intron 1	0						
DLPS1	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	12	56233479-56233934	12	64266345-64266800	15	KIF5A	NM_004984	+	CDS	Intron 1	0						
DLPS1	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	12	56272051-56272257	12	69932855-69933061	30	PIP4K2C	NM_001146260	+	CDS	Intron 1	0						
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	56284099-56285147	12	66051383-66052539	45	DTX3	NM_178502	+	5 UTR								
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	56284237-56285469	12	56306205-56307437	16	DTX3	NM_178502	+	5 UTR			B4GALNT1	NM_001478	-	CDS	Exon 11	Unknown
DLPS1	Intrachromosomal inverted orientation - amplicon-to-non-amplified DNA	Somatic	12	56355496-56356440	12	62554834-62555778	5							SRGAP1	NM_020762	+	CDS	Intron 1	0
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	56497364-56498665	12	70391735-70393115	43												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	56506152-56506301	12	63549615-63549764	19	CTDSP2	NM_005730	-	CDS	Intron 5	0						
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	56520062-56520431	12	60789158-60789527	33	CTDSP2	NM_005730	-	CDS	Intron 1	1	FAM19A2	NM_178539	-	CDS	Intron 1	0
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	56566751-56567822	12	72064194-72065265	26												
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	56722219-56723610	12	70806126-70807652	72												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	56807133-56807871	12	58042862-58043600	8												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	56868826-56870454	12	68730634-68732343	256												
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	56920064-56921627	12	73204491-73205922	126												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	56952794-56954243	12	68074027-68075430	102												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	57039148-57039816	20	7709441-7710109	13												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	57042063-57042862	12	59364133-59364932	5												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	57090101-57090871	12	72730381-72731151	18												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	57151786-57153303	12	69847839-69849299	490												
DLPS1	Intrachromosomal inverted orientation - amplicon-to-non-amplified DNA	Somatic	12	57169824-57170747	12	62115551-62116474	14												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	57181486-57182909	12	64643851-64645496	240							HMGA2	NM_003483	+	CDS	Exon 5	Unknown
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	57316066-57316991	12	62668688-62669613	11							SRGAP1	NM_020762	+	CDS	Intron 2	1
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	57951441-57952923	12	60145361-60146843	6												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	57967412-57967890	12	67508616-67509094	15							MDM2	NM_002392	+	CDS	Intron 7	0
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	58012252-58013576	12	63355336-63356526	54							RASSF3	NM_178169	+	CDS	Intron 1	0
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	58035497-58036167	12	59423811-59424481	23												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	58136414-58137702	12	61274332-61275848	78							MON2	NM_015026	+	CDS	Exon 35	Unknown
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	58245483-58246808	20	7849475-7850800	6							HAO1	NM_017545	-	CDS	Intron 2	1
DLPS1	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	12	58324321-58325753	12	71989875-71991307	12												
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	58331230-58332519	12	61933469-61934824	85												
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	58632935-58634082	12	66973473-66974620	8							MDM1	NM_017440	-	3 UTR		
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-non-amplified DNA	Somatic	12	59330502-59332023	12	64676839-64677508	74												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	59361466-59362663	12	60132162-60133457	108												
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	59367019-59367703	12	59670055-59670739	33												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	59403975-59404454	12	71025730-71026209	14							TRHDE	NM_013381	+	CDS	Intron 2	2
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	59423726-59424418	20	7622983-7623675	16												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	59591122-59591439	12	66369087-66369404	40												
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	59667589-59667658	12	64288613-64288682	49												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	59677634-59678534	20	7777203-7778103	8												
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	59773819-59775362	12	67588684-67590112	163							CPM	NM_001874	-	CDS	Intron 2	1
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	59775482-59775675	12	70869564-70869757	39												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	60163183-60163214	20	6993428-6993459	37												
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	60198646-60200140	12	72228742-72229798	91												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	60213622-60214964	12	61756886-61757891	79												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	60294947-60296445	12	64699484-64700792	94												
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	60542386-60543607	12	70367024-70368721	52	FAM19A2	NM_178539	-	CDS	Intron 2	1	TMEM19	NM_018279	+	CDS	Intron 1	0
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	60598046-60599114	12	73517671-73518739	8	FAM19A2	NM_178539	-	CDS	Intron 1	0						
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	60716232-60717500	12	66001019-66002682	305	FAM19A2	NM_178539	-	CDS	Intron 1	0						
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	60788285-60789132	12	69414314-69415502	51	FAM19A2	NM_178539	-	CDS	Intron 1	0	PTPRR	NM_002849	-	CDS	Intron 6	2
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	61123293-61124480	20	7494670-7495980	98												
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	61315816-61317169	12	69078450-69079882	79							KCNMB4	NM_014505	+	CDS	Intron 1	0
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	61587873-61588466	12	66173708-66174301	14	PPM1H	NM_020700	-	CDS	Intron 1	2						
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	61610352-61611250	19	37085921-37086819	8	PPM1H	NM_020700	-	CDS	Intron 1	2						
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	61614955-61616092	12	66529420-66530557	8												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	61688473-61688915	12	68293445-68293887	26												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	61689512-61691073	12	73533169-73534504	73												
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	61700022-61701456	12	73301794-73303357	88												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	61796979-61798498	12	70336279-70337348	56							ZFC3H1	NM_144982	-	CDS	Intron 2	1
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	61806191-61807321	12	69696104-69697434	61												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	61815729-61816542	12	65120841-65121654	5							GRIP1	NM_021150	-	CDS	Intron 12	1
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	61826898-61827278	12	70912360-70912740	30	AVPR1A	NM_000706	-	CDS	Exon 2	Unknown						
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	61830491-61831657	12	78075959-78077032	17	AVPR1A	NM_000706	-	CDS	Exon 1	Unknown	SYT1	NM_001135805	+	CDS	Intron 4	-1
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	61878806-61879964	19	37546304-37547462	7							ZNF507	NM_014910	+	CDS	Intron 4	1
DLPS1	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	12	61946439-61947417	12	64539364-64540342	11							HMGA2	NM_003483	+	CDS	Intron 3	0
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	62140632-62142238	12	68050031-68051743	201							YEATS4	NM_006530	+	CDS	Intron 4	1
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	62183038-62183815	12	69721148-69722051	20												
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	62664412-62666050	12	69979785-69980962	62	SRGAP1	NM_020762	+	CDS	Intron 2	1						
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	62771154-62771822	19	34840770-34841438	41	SRGAP1	NM_020762	+	CDS	Intron 11	1						
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	63337111-63338612	12	66994253-66995777	244	RASSF3	NM_178169	+	CDS	Intron 1	0	MDM1	NM_017440	-	CDS	Intron 9	2
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	63347220-63349224	12	64493135-64494725	342	RASSF3	NM_178169	+	CDS	Intron 1	0	RPSAP52	Non-coding RNA				
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	63534707-63536145	12	70317489-70319253	25							ZFC3H1	NM_144982	-	CDS	Intron 7	0
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	63552062-63552777	12	72431989-72433023	19												
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	63687807-63689139	12	77379496-77381045	72												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	63725675-63727399	12	69009613-69011243	319							CNOT2	NM_014515	+	CDS	Exon 5	Unknown
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	63796153-63797257	12	68756535-68758111	28	WIF1	NM_007191	-	CDS	Intron 2	0						
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	64040494-64041128	19	36779167-36780276	7	MSRB3	NM_001031679	+	CDS	Intron 4	2						
DLPS1	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	12	64285156-64286625	12	64286541-64288010	5												
DLPS1	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	12	64286275-64286717	12	73383150-73383592	27												
DLPS1	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	12	64434308-64434745	12	68246557-68246994	8							FRS2	NM_006654	+	CDS	Intron 5	-1
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	64440259-64440395	12	68222456-68222592	11	RPSAP52	Non-coding RNA					FRS2	NM_006654	+	CDS	Intron 4	-1
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	64453360-64454148	12	66116191-66117009	46	RPSAP52	Non-coding RNA										
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	64474389-64475819	12	66564147-66565999	173	RPSAP52	Non-coding RNA										
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	64494720-64496139	12	66985181-66986972	204	RPSAP52	Non-coding RNA					MDM1	NM_017440	-	CDS	Intron 11	0
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	64554599-64556135	12	68327132-68328731	294	HMGA2	NM_003483	+	CDS	Intron 3	0						
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	64696913-64698237	12	77283010-77284217	100												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	65060605-65062322	12	69617153-69618600	199	GRIP1	NM_021150	-	CDS	Intron 18	1						
DLPS1	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	12	65093542-65094678	12	70639684-70640820	5	GRIP1	NM_021150	-	CDS	Intron 14	2	TPH2	NM_173353	+	CDS	Intron 5	0
DLPS1	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	12	65154996-65155952	12	65919640-65920596	22	GRIP1	NM_021150	-	CDS	Intron 7	1						
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	65478195-65479631	12	69003076-69004603	462							CNOT2	NM_014515	+	CDS	Intron 4	0
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	65704160-65705048	12	70624894-70625938	29							TPH2	NM_173353	+	CDS	Intron 4	1
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	65727695-65729191	12	77594774-77596392	117												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	65758759-65760276	12	66542760-66544190	236												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	65889982-65890529	19	37456753-37457300	28												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	65901861-65902454	19	35250971-35251564	11												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	66404547-66405829	12	69442398-69443625	63							PTPRR	NM_002849	-	CDS	Intron 3	0
DLPS1	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	12	66405141-66405937	12	68049545-68050341	15							YEATS4	NM_006530	+	CDS	Intron 4	1
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	66416955-66417439	12	71161202-71161686	42							TRHDE	NM_013381	+	CDS	Intron 5	0
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	66679183-66680778	20	7393339-7394874	142												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	66973858-66975445	12	69043425-69045189	883	MDM1	NM_017440	-	3 UTR								
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	67560635-67562090	12	67787092-67788582	151	CPM	NM_001874	-	CDS	Intron 3	0						
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	68050752-68052394	12	73589193-73590621	139	YEATS4	NM_006530	+	CDS	Exon 5	Unknown						
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	68052393-68053781	12	69100289-69101780	117	YEATS4	NM_006530	+	CDS	Intron 6	0	KCNMB4	NM_014505	+	CDS	Intron 2	0
DLPS1	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	12	68128352-68128776	12	70900414-70900838	20												
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	68171260-68172074	12	72790157-72790971	11	FRS2	NM_006654	+	CDS	Intron 1	-1						
DLPS1	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	12	68227838-68228984	12	70914692-70915838	9	FRS2	NM_006654	+	CDS	Intron 4	-1						
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	68747302-68748117	12	72290760-72291575	25												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	68989880-68991183	12	69628783-69629917	26	CNOT2	NM_014515	+	CDS	Intron 2	0						
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	69009806-69011038	12	72874947-72876179	6	CNOT2	NM_014515	+	CDS	Intron 5	1						
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	69028464-69029994	12	78069255-78070660	115	CNOT2	NM_014515	+	CDS	Intron 15	2	SYT1	NM_001135805	+	CDS	Intron 4	-1
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	69043682-69045380	12	72524277-72526050	209												
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	69057293-69058294	12	72521979-72523707	57	KCNMB4	NM_014505	+	CDS	Intron 1	0						
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	69083748-69084618	12	71499263-71500133	17	KCNMB4	NM_014505	+	CDS	Intron 2	0						
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	69085291-69086034	12	71854836-71855579	20	KCNMB4	NM_014505	+	CDS	Intron 2	0						
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	69114170-69115841	12	72117526-72118829	162												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	69117069-69117966	19	34249175-34250072	6												
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	69264614-69266134	12	69414838-69416083	189	PTPRB	NM_001109754	-	CDS	Intron 9	1	PTPRR	NM_002849	-	CDS	Intron 6	2
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	69320705-69322031	12	77281531-77282981	87	PTPRR	NM_002849	-	CDS	Intron 13	2						
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	69334455-69335776	12	69632556-69634058	67	PTPRR	NM_002849	-	CDS	Intron 13	2						
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	69378005-69378535	20	7614563-7615093	21	PTPRR	NM_002849	-	CDS	Intron 8	1						
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	69439116-69439874	12	70185769-70186527	5	PTPRR	NM_002849	-	CDS	Intron 4	0	LGR5	NM_003667	+	CDS	Intron 2	2
DLPS1	Interchromosomal non-reciprocal - amplicon-to-non-amplified DNA	Somatic	12	69633386-69634348	19	36583869-36584831	11												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	69725154-69726402	12	77470395-77471643	33												
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	69814467-69815472	12	69898970-69900474	51	TSPAN8	NM_004616	-	CDS	Intron 6	0						
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	69825428-69826972	12	71683166-71684710	6	TSPAN8	NM_004616	-	CDS	Intron 2	0						
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	69832025-69833242	19	34059781-34060998	5	TSPAN8	NM_004616	-	CDS	Intron 2	0						
DLPS1	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	12	69909634-69910657	12	72684704-72685727	8												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	69919639-69920462	12	71182590-71183413	8							TRHDE	NM_013381	+	CDS	Intron 6	0
DLPS1	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	12	70260399-70261496	12	71604670-71605767	8	LGR5	NM_003667	+	CDS	Exon 16	Unknown						
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	70279389-70280185	19	34097462-34098258	12												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	70785764-70786285	12	76164050-76164571	15												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	71013079-71014797	12	71239947-71241354	175	TRHDE	NM_013381	+	CDS	Intron 2	2	TRHDE	NM_013381	+	CDS	Intron 7	0
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	71112864-71113504	12	71496919-71497559	11	TRHDE	NM_013381	+	CDS	Intron 3	0						
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	71117123-71118242	12	71139818-71140937	42	TRHDE	NM_013381	+	CDS	Intron 3	0	TRHDE	NM_013381	+	CDS	Intron 3	0
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	71239366-71241073	12	71310604-71312096	277	TRHDE	NM_013381	+	CDS	Intron 7	0	TRHDE	NM_013381	+	CDS	Intron 15	2
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	71522552-71523808	12	72716747-72717799	45												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	71523156-71523784	15	92688573-92689201	34							MCTP2	NM_018349	+	CDS	Intron 6	2
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	71583670-71583787	12	72229606-72229723	6												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	71718219-71718523	19	38382425-38382729	10							LRP3	NM_002333	+	CDS	Intron 2	1
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	71731900-71733559	20	7801652-7803311	5												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	71741057-71742555	20	7801694-7803192	5												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	71741598-71743028	20	7697134-7698414	41												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	71946648-71948027	12	77301809-77303316	103												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	72107437-72107713	20	7650827-7651103	41												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	72227432-72228024	19	36677606-36678198	6												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	72378595-72379398	12	76292558-76293361	6												
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	72569773-72571327	12	73404871-73406338	95												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	73222096-73223323	12	77472192-77473252	76												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	73669316-73670728	12	78070705-78072205	175							SYT1	NM_001135805	+	CDS	Intron 4	-1
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	74265796-74266093	12	77998065-77998362	31							SYT1	NM_001135805	+	CDS	Intron 4	-1
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	75727857-75728788	19	34724605-34725536	9	ZDHHC17	NM_015336	+	CDS	Intron 5	2	VSTM2B	NM_001146339	+	CDS	Intron 4	0
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	76402367-76403053	12	76404183-76404869	16												
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	77937045-77937161	19	35047654-35047770	45	SYT1	NM_001135805	+	CDS	Intron 3	-1						
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	78222475-78223339	19	35254391-35255255	8	SYT1	NM_001135805	+	CDS	Intron 9	0						
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	78252054-78252845	20	7662542-7663333	12	SYT1	NM_001135805	+	CDS	Intron 9	0						
DLPS1	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	13	110601239-110602115	20	7649949-7650825	5	ARHGEF7	NM_145735	+	CDS	Intron 1	0						

DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-non-amplified DNA	Somatic	19	13286365-13287080	19	17363795-17364510	36	CACNA1A	NM_001127221	-	CDS	Intron 11	1						
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	19	13425366-13426492	19	22509503-22510471	52	CACNA1A	NM_001127221	-	CDS	Intron 2	0						
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	19	13735913-13736575	19	33704374-33705036	5	MRI1	NM_032285	+	5 UTR								
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	19	13865985-13866843	19	21227031-21227889	10	C19orf57	NM_024323	-	CDS	Intron 3	2						
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	19	14202262-14203168	19	22415596-22416502	6												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex	Somatic	19	16027296-16028875	19	16027813-16029392	6												
DLPS1	Intrachromosomal inverted orientation - non-amplified DNA-to-amplicon	Somatic	19	17286600-17287885	19	21528648-21529933	6	DDA1	NM_024050	+	CDS	Intron 3	0						
DLPS1	Intrachromosomal non-inverted orientation - non-amplified DNA-to-amplicon	Somatic	19	18573980-18574842	19	21351659-21352521	6	CRLF1	NM_004750	-	CDS	Intron 1	1	ZNF738	Non-coding RNA				
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - non-amplified DNA-to-amplicon	Somatic	19	19606012-19606287	19	19746813-19747088	38	GMIP	NM_016573	-	CDS	Intron 18	2	LOC284440	Non-coding RNA				
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	19	19635630-19636606	19	21167835-21169231	49												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	19	20012508-20013548	19	20935649-20937086	48												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	19	20824092-20824456	19	21766069-21766433	30												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	19	21203229-21204065	19	21226511-21227347	37												
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-non-amplified DNA	Somatic	19	21236930-21237157	19	21887148-21887375	12												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-non-amplified DNA	Somatic	19	21337615-21337909	19	22710425-22710719	21	ZNF738	Non-coding RNA										
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	19	21350446-21351714	19	22553184-22554449	16	ZNF738	Non-coding RNA										
DLPS1	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	19	21910981-21911519	19	22434525-22435063	9												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	19	22276870-22277675	19	22747478-22748283	6												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	19	22446254-22447532	19	35484091-35485361	40												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	19	33438034-33439164	19	34041942-34043072	6												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	19	33473111-33474505	19	34268431-34269825	5												
DLPS1	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	19	37661763-37662768	19	38547169-38548174	6	DPY19L3	NM_207325	+	CDS	Intron 17	2						
DLPS1	Intrachromosomal non-inverted orientation	Somatic	19	61023881-61025325	19	61043973-61045417	8	NLRP11	NM_145007	-	CDS	Intron 3	0	NLRP4	NM_134444	+	CDS	Intron 1	-1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	32515283-32517040	9	115551526-115553283	5	LCK	NM_005356	+	CDS	Intron 9	1						
DLPS2	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	1	40671264-40671655	1	54064073-54064464	27							TMEM48	NM_018087	-	CDS	Exon 5	Unknown
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	41000896-41001957	5	29891961-29893022	8	NFYC	NM_014223	+	CDS	Intron 6	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	41002480-41002882	9	78616210-78616612	28	NFYC	NM_014223	+	CDS	Intron 7	0	PRUNE2	NM_015225	-	CDS	Intron 6	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	41007732-41009626	5	26985926-26988382	67	NFYC	NM_014223	+	CDS	Intron 9	0	CDH9	NM_016279	-	CDS	Intron 2	0
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	1	41083348-41085316	1	61756248-61757656	128												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	41652395-41654658	5	27114073-27116336	7												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	41652449-41654772	9	115772245-115774568	6							ZNF618	NM_133374	+	CDS	Intron 2	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	41652517-41654670	9	115648101-115650254	66												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	41652530-41654676	9	115650384-115652530	67												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	41652599-41654767	5	35153448-35155616	7							PRLR	NM_000949	-	CDS	Intron 2	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	41652771-41654752	5	27112040-27114021	7												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	41653083-41654727	6	45743641-45745285	6												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	41654734-41656262	6	42017786-42019314	5							CCND3	NM_001136017	-	CDS	Intron 1	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	41654735-41656943	5	27111815-27114023	9												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	41654741-41657080	5	35162138-35164477	5							PRLR	NM_000949	-	CDS	Intron 1	-1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	41654748-41656775	9	113911986-113914013	6							SUSD1	NM_022486	-	CDS	Intron 8	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	41654749-41655902	6	45741328-45742481	5												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	41654750-41656967	9	115772272-115774489	18							ZNF618	NM_133374	+	CDS	Intron 2	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	41654751-41657010	5	27114103-27116362	10												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	41654753-41656956	9	115648049-115650252	81												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	41654754-41656854	9	115650431-115652531	60												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	41654754-41656987	9	115769974-115772207	8							ZNF618	NM_133374	+	CDS	Intron 1	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	41657065-41657169	9	115814322-115815902	15							ZNF618	NM_133374	+	CDS	Intron 8	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	41831583-41832831	9	113910059-113911307	22	HIVEP3	NM_024503	-	CDS	Intron 3	0	SUSD1	NM_022486	-	CDS	Intron 8	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	41834568-41836513	5	35151278-35153223	10	HIVEP3	NM_024503	-	CDS	Intron 3	0	PRLR	NM_000949	-	CDS	Intron 2	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	41835180-41836539	6	42021727-42023051	32	HIVEP3	NM_024503	-	CDS	Intron 3	0	CCND3	NM_001136017	-	CDS	Intron 1	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	41835250-41836933	9	115652672-115652862	5	HIVEP3	NM_024503	-	CDS	Intron 3	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	42046698-42048820	6	48032948-48034881	847	HIVEP3	NM_024503	-	CDS	Intron 1	-1	C6orf138	NM_001013732	-	CDS	Intron 2	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	42095890-42097645	13	20029014-20030769	7	HIVEP3	NM_024503	-	CDS	Intron 1	-1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	42096372-42097387	9	115637206-115638221	19	HIVEP3	NM_024503	-	CDS	Intron 1	-1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	42096401-42097957	5	35162111-35163667	7	HIVEP3	NM_024503	-	CDS	Intron 1	-1	PRLR	NM_000949	-	CDS	Intron 1	-1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	42096426-42098549	6	42021520-42023643	10	HIVEP3	NM_024503	-	CDS	Intron 1	-1	CCND3	NM_001136017	-	CDS	Intron 1	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	42096469-42098153	5	35160448-35162132	7	HIVEP3	NM_024503	-	CDS	Intron 1	-1	PRLR	NM_000949	-	CDS	Intron 1	-1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	42096568-42098581	5	27112069-27114082	6	HIVEP3	NM_024503	-	CDS	Intron 1	-1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	42097085-42098548	6	45744224-45745687	5	HIVEP3	NM_024503	-	CDS	Intron 1	-1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	42098573-42100768	9	115648102-115650297	17	HIVEP3	NM_024503	-	CDS	Intron 1	-1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	42098829-42100772	9	115650406-115652349	17	HIVEP3	NM_024503	-	CDS	Intron 1	-1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	42098870-42101237	9	115652633-115652829	171	HIVEP3	NM_024503	-	CDS	Intron 1	-1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	42099483-42101081	9	115652669-115652866	100	HIVEP3	NM_024503	-	CDS	Intron 1	-1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	42200892-42202679	9	117354459-117356507	87												
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	1	42994898-42996276	1	42998200-42999578	12	LEPRE1	NM_022356	-	CDS	Intron 5	0	LEPRE1	NM_022356	-	CDS	Intron 2	0
DLPS2	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	1	43051633-43053962	9	115648001-115650330	5	CCDC23	NM_199342	-	CDS	Intron 2	0						
DLPS2	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	1	43052171-43053960	6	45743685-45745474	5	CCDC23	NM_199342	-	CDS	Intron 2	0						
DLPS2	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	1	43053927-43056156	9	115648056-115650285	6	CCDC23,ERMAP	----- Verify by hand -----	NA	NA	NA	NA						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	45649366-45651665	5	35159822-35162121	8	TESK2	NM_007170	-	CDS	Intron 3	2	PRLR	NM_000949	-	CDS	Intron 1	-1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	45649411-45651596	14	67808907-67811092	10	TESK2	NM_007170	-	CDS	Intron 3	2	RAD51L1	NM_133509	+	CDS	Intron 7	2
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	45649444-45651682	5	35162203-35164441	10	TESK2	NM_007170	-	CDS	Intron 3	2	PRLR	NM_000949	-	CDS	Intron 1	-1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	45649455-45651611	9	115770039-115772195	29	TESK2	NM_007170	-	CDS	Intron 3	2	ZNF618	NM_133374	+	CDS	Intron 1	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	45649518-45651666	6	42021496-42023644	17	TESK2	NM_007170	-	CDS	Intron 3	2	CCND3	NM_001136017	-	CDS	Intron 1	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	45649577-45651584	9	115648235-115650242	329	TESK2	NM_007170	-	CDS	Intron 3	2						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	45649586-45651588	9	115650409-115652411	261	TESK2	NM_007170	-	CDS	Intron 3	2						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	45649731-45651655	5	27114386-27116310	45	TESK2	NM_007170	-	CDS	Intron 3	2						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	45649761-45651587	5	27112179-27114005	47	TESK2	NM_007170	-	CDS	Intron 3	2						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	45649939-45651682	9	115811226-115812969	5	TESK2	NM_007170	-	CDS	Intron 3	2	ZNF618	NM_133374	+	CDS	Intron 8	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	45650636-45651606	9	113912732-113913702	6	TESK2	NM_007170	-	CDS	Intron 3	2	SUSD1	NM_022486	-	CDS	Intron 8	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	45650642-45651605	9	115772280-115773243	33	TESK2	NM_007170	-	CDS	Intron 3	2	ZNF618	NM_133374	+	CDS	Intron 2	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	45651687-45653764	6	48663555-48665632	29	TESK2	NM_007170	-	CDS	Intron 3	2						
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	1	45651689-45654038	1	51504252-51506601	5	TESK2	NM_007170	-	CDS	Intron 3	2	RNF11	NM_014372	+	CDS	Intron 1	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	45651689-45653948	6	42021495-42023754	5	TESK2	NM_007170	-	CDS	Intron 3	2	CCND3	NM_001136017	-	CDS	Intron 1	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	45651724-45653951	5	35159896-35162123	10	TESK2	NM_007170	-	CDS	Intron 3	2	PRLR	NM_000949	-	CDS	Intron 1	-1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	45651751-45653916	9	115770033-115772198	42	TESK2	NM_007170	-	CDS	Intron 3	2	ZNF618	NM_133374	+	CDS	Intron 1	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	45651753-45653618	5	27114392-27116257	37	TESK2	NM_007170	-	CDS	Intron 3	2						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	45651803-45653936	5	35162200-35164333	6	TESK2	NM_007170	-	CDS	Intron 3	2	PRLR	NM_000949	-	CDS	Intron 1	-1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	45651805-45653613	5	27112194-27114002	54	TESK2	NM_007170	-	CDS	Intron 3	2						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	45651813-45653919	9	115772277-115774383	44	TESK2	NM_007170	-	CDS	Intron 3	2	ZNF618	NM_133374	+	CDS	Intron 2	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	45651820-45653814	9	115648249-115650243	225	TESK2	NM_007170	-	CDS	Intron 3	2						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	45651863-45653775	9	115650446-115652358	269	TESK2	NM_007170	-	CDS	Intron 3	2						
DLPS2	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	1	45653976-45654143	9	113913721-113915458	79	TESK2	NM_007170	-	CDS	Intron 3	2	SUSD1	NM_022486	-	CDS	Intron 8	1
DLPS2	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	1	45654006-45654181	6	42021707-42023960	47	TESK2	NM_007170	-	CDS	Intron 3	2	CCND3	NM_001136017	-	CDS	Intron 1	0
DLPS2	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	1	45654019-45654222	9	115814255-115815935	30	TESK2	NM_007170	-	CDS	Intron 3	2	ZNF618	NM_133374	+	CDS	Intron 8	1
DLPS2	Interchromosomal reciprocal - non-amplified DNA-to-amplicon	Somatic	1	45654036-45654224	6	45745200-45747139	57	TESK2	NM_007170	-	CDS	Intron 3	2						
DLPS2	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	1	45654064-45654125	6	45744818-45746526	14	TESK2	NM_007170	-	CDS	Intron 3	2						
DLPS2	Interchromosomal reciprocal - non-amplified DNA-to-amplicon	Somatic	1	45654070-45654183	6	42021967-42023959	12	TESK2	NM_007170	-	CDS	Intron 3	2	CCND3	NM_001136017	-	CDS	Intron 1	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	46922032-46923406	6	49725247-49726621	5	KIAA0494	NM_014774	-	CDS	Intron 9	1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	46922452-46924532	5	39510254-39512225	107	KIAA0494	NM_014774	-	CDS	Intron 9	1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	46926151-46927686	5	27618889-27620432	68	KIAA0494	NM_014774	-	CDS	Intron 7	0						
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	1	49639730-49640435	1	57340859-57341564	39	AGBL4	NM_032785	-	CDS	Intron 3	0	DAB1	NM_021080	-	CDS	Intron 6	0
DLPS2	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	1	49641722-49642213	9	115956451-115958304	132	AGBL4	NM_032785	-	CDS	Intron 3	0	COL27A1	NM_032888	+	5 UTR		
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	51375219-51375339	13	19646617-19646737	18	C1orf185	NM_001136508	+	CDS	Intron 3	2						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	51502031-51504296	9	115772257-115774522	7	RNF11	NM_014372	+	CDS	Intron 1	0	ZNF618	NM_133374	+	CDS	Intron 2	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	51502166-51503980	9	115648429-115650243	76	RNF11	NM_014372	+	CDS	Intron 1	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	51502187-51503867	9	115650409-115652089	71	RNF11	NM_014372	+	CDS	Intron 1	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	51502268-51504253	5	27112051-27114036	7	RNF11	NM_014372	+	CDS	Intron 1	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	51503432-51504304	9	115811189-115812061	14	RNF11	NM_014372	+	CDS	Intron 1	0	ZNF618	NM_133374	+	CDS	Intron 8	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	51504361-51506083	9	115811218-115812940	15	RNF11	NM_014372	+	CDS	Intron 1	0	ZNF618	NM_133374	+	CDS	Intron 8	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	51504396-51506138	9	115650440-115652182	66	RNF11	NM_014372	+	CDS	Intron 1	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	51504398-51506578	5	27114074-27116254	5	RNF11	NM_014372	+	CDS	Intron 1	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	51504400-51506621	5	27111844-27114065	5	RNF11	NM_014372	+	CDS	Intron 1	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	51504405-51506182	9	115648469-115650246	84	RNF11	NM_014372	+	CDS	Intron 1	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	51550242-51550600	12	67733413-67733771	24	TTC39A	NM_001144832	-	CDS	Intron 4	1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-non-amplified DNA	Somatic	1	51550860-51551609	9	72259656-72260405	7	TTC39A	NM_001144832	-	CDS	Intron 3	2						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	51721894-51723726	12	67600092-67601822	28	EPS15	NM_001981	-	CDS	Intron 1	0	CPM	NM_001874	-	CDS	Intron 2	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	54415891-54417946	13	20156242-20158002	24	CYB5RL	NM_001031672	-	CDS	Intron 7	0	IFT88	NM_006531	+	CDS	Intron 24	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	55032104-55033782	12	67753819-67755726	119	TTC22	NM_001114108	-	CDS	Intron 1	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	57341193-57342759	9	115956296-115957935	332	DAB1	NM_021080	-	CDS	Intron 6	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	57342472-57344665	5	36486456-36488367	566	DAB1	NM_021080	-	CDS	Intron 6	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	57929328-57931686	5	26066523-26068925	66	DAB1	NM_021080	-	CDS	Intron 2	-1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	57988949-57991248	3	104234007-104236262	439	DAB1	NM_021080	-	CDS	Intron 2	-1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	58003638-58005869	6	43593560-43595683	633	DAB1	NM_021080	-	CDS	Intron 2	-1	POLR1C	NM_004875	+	CDS	Intron 2	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	58079299-58081208	12	67543833-67545441	30	DAB1	NM_021080	-	CDS	Intron 2	-1	CPM	NM_001874	-	CDS	Intron 7	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	58081939-58084134	9	122616406-122618224	200	DAB1	NM_021080	-	CDS	Intron 2	-1	PSMD5	NM_005047	-	3 UTR		
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	58125387-58125934	12	68511287-68511834	12	DAB1	NM_021080	-	CDS	Intron 1	-1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	58520602-58522124	9	116991519-116993635	33							2-Dec	NM_017418	+	CDS	Intron 1	-1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	58533593-58535028	9	118256028-118257833	40							ASTN2	NM_198187	-	CDS	Intron 20	2
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	58703681-58704625	9	122391175-122392119	11												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	58703728-58705279	12	68321208-68323316	252												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	58760519-58762098	12	68521996-68523991	11	OMA1	NM_145243	-	CDS	Intron 7	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	58763139-58764009	5	35402028-35402898	10	OMA1	NM_145243	-	CDS	Intron 7	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	58767695-58768048	12	68497354-68497707	10	OMA1	NM_145243	-	CDS	Intron 6	0	RAB3IP	NM_175624	+	CDS	Exon 10	Unknown
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	58772228-58772314	5	35513111-35513197	10	OMA1	NM_145243	-	CDS	Exon 5	Unknown						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	58789131-58790890	5	28610843-28612399	35												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	59020970-59022156	9	122384488-122385674	6	JUN	NM_002228	-	CDS	Exon 1	Unknown						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	59022199-59023572	5	36586356-36587729	6	JUN	NM_002228	-	CDS	Exon 1	Unknown						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	59035664-59037217	5	29609258-29611162	39												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	59133381-59133527	5	40997883-40998029	12							C7	NM_000587	+	CDS	Intron 12	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-non-amplified DNA	Somatic	1	59239114-59240604	9	5976927-5978417	5							KIAA2026	NM_001017969	-	CDS	Intron 2	2
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	59370985-59373041	12	67364783-67366814	31	LOC729467	Non-coding RNA										
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	59374920-59376163	6	43543310-43545157	32	LOC729467	Non-coding RNA										
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	59375492-59376465	5	37741614-37742587	20	LOC729467	Non-coding RNA					WDR70	NM_018034	+	CDS	Intron 13	2
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	59382483-59383977	5	36680586-36682080	7	LOC729467	Non-coding RNA					SLC1A3	NM_004172	+	CDS	Intron 3	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	59384769-59385162	5	37536181-37536574	8	LOC729467	Non-coding RNA					WDR70	NM_018034	+	CDS	Intron 8	2
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	59647233-59647261	5	36593143-36593171	10	FGGY	NM_018291	+	CDS	Intron 5	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-non-amplified DNA	Somatic	1	59650676-59650862	14	59233493-59233679	17	FGGY	NM_018291	+	CDS	Intron 5	0	RTN1	NM_021136	-	CDS	Intron 3	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	59787163-59789354	9	115648080-115650271	28	FGGY	NM_018291	+	CDS	Intron 7	1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	59787176-59789365	9	115650406-115652595	22	FGGY	NM_018291	+	CDS	Intron 7	1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	59787350-59789370	5	27112012-27114032	5	FGGY	NM_018291	+	CDS	Intron 7	1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	59789367-59791611	9	115648004-115650248	23	FGGY	NM_018291	+	CDS	Intron 7	1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	59789371-59791544	9	115650410-115652583	23	FGGY	NM_018291	+	CDS	Intron 7	1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	59789372-59791620	5	27114099-27116347	11	FGGY	NM_018291	+	CDS	Intron 7	1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	59789373-59791349	5	27112060-27114036	5	FGGY	NM_018291	+	CDS	Intron 7	1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	60019330-60020643	9	115772240-115773553	5							ZNF618	NM_133374	+	CDS	Intron 2	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	60019494-60020613	9	115649146-115650265	60												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	60019537-60020606	9	115650407-115651476	42												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	60020599-60021653	9	113912741-113913795	15							SUSD1	NM_022486	-	CDS	Intron 8	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	60020643-60022898	9	115746091-115748346	7							ZNF618	NM_133374	+	CDS	Intron 1	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	60021675-60022953	9	115772248-115773526	5							ZNF618	NM_133374	+	CDS	Intron 2	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	60021684-60022829	5	27114142-27115287	7												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	60021715-60022784	9	115649176-115650245	45												
DLPS2	Interchromosomal reciprocal - amplicon-to-amplicon	Somatic	1	60022990-60028783	9	115652635-115652843	46												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	60063102-60063237	6	48639758-48639893	15	HOOK1	NM_015888	+	CDS	Intron 2	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	60068925-60069856	9	117669011-117669942	12	HOOK1	NM_015888	+	CDS	Intron 3	2						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	60072808-60073591	9	122384797-122385580	25	HOOK1	NM_015888	+	CDS	Intron 5	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	60073804-60075115	5	36586401-36587712	16	HOOK1	NM_015888	+	CDS	Intron 6	1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	60087788-60089178	5	36189505-36190895	5	HOOK1	NM_015888	+	CDS	Intron 12	0	SKP2	NM_032637	+	CDS	Intron 2	2

DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	60090351-60090713	5	31885135-31885497	9	HOOK1	NM_015888	+	CDS	Intron 12	0	PDZD2	NM_178140	+	CDS	Intron 1	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	60107997-60109931	2	205432872-205435056	71	HOOK1	NM_015888	+	CDS	Intron 20	0	PARD3B	NM_152526	+	CDS	Intron 2	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	60218018-60218042	6	42109723-42109747	32							CCND3	NM_001136017	-	CDS	Intron 1	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	60220155-60221724	5	30372611-30374335	37												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	60220303-60221927	6	49918845-49920505	40							CRISP1	NM_001131	-	CDS	Intron 5	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	60220538-60222386	5	29765722-29767001	31												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	60250222-60252101	5	41500277-41501864	28	C1orf87	NM_152377	-	CDS	Intron 8	2	PLCXD3	NM_001005473	-	CDS	Intron 1	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	60255885-60256246	5	27402364-27402725	35	C1orf87	NM_152377	-	CDS	Intron 8	2						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	60261970-60263822	6	42263669-42265021	22	C1orf87	NM_152377	-	CDS	Intron 8	2	GUCA1B	NM_002098	-	CDS	Intron 2	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	60320898-60321599	5	31804037-31804738	14												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	60324012-60325490	5	41153757-41155539	8												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	60338285-60338632	5	37744401-37744748	11							WDR70	NM_018034	+	CDS	Intron 13	2
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	60416053-60417553	5	35343988-35346065	11												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	60425180-60427485	5	27487990-27490055	14												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	60712871-60714301	5	39337105-39339162	15							C9	NM_001737	-	CDS	Intron 9	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	60717186-60718680	5	22390789-22392870	25							CDH12	NM_004061	-	CDS	Intron 3	-1
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	1	61024817-61025287	1	61028636-61029106	10												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	61105757-61107555	6	48383385-48384889	15												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	61227485-61227656	5	31792420-31792591	11												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	61647426-61647731	5	37568848-37569153	10	NFIA	NM_001145511	+	CDS	Intron 9	0	WDR70	NM_018034	+	CDS	Intron 9	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	76530400-76531585	6	49749287-49750472	12	ST6GALNAC3	NM_152996	+	CDS	Intron 1	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	76530747-76531686	5	36451012-36451951	5	ST6GALNAC3	NM_152996	+	CDS	Intron 1	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	76532049-76534142	5	36448253-36450346	5	ST6GALNAC3	NM_152996	+	CDS	Intron 1	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	76532850-76534173	6	49752831-49754410	24	ST6GALNAC3	NM_152996	+	CDS	Intron 1	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	76533951-76536621	5	36454142-36455895	57	ST6GALNAC3	NM_152996	+	CDS	Intron 1	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	76540259-76542388	12	67343839-67345876	44	ST6GALNAC3	NM_152996	+	CDS	Intron 1	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	106480526-106483161	12	69318616-69320743	270							PTPRR	NM_002849	-	CDS	Exon 14	Unknown
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	106492434-106493463	14	102149873-102150902	7							RCOR1	NM_015156	+	CDS	Intron 2	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	106492885-106494031	5	40604279-40605425	10												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	106495109-106497171	5	37774593-37775846	52							WDR70	NM_018034	+	CDS	Intron 17	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	1	106498005-106498286	5	40596105-40597959	59												
DLPS2	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	2	141793852-141794309	9	119013922-119014379	24	LRP1B	NM_018557	-	CDS	Intron 3	1	ASTN2	NM_198187	-	CDS	Intron 3	1
DLPS2	Intrachromosomal inverted orientation, mixed-type complex	Somatic	2	141794354-141795930	2	198553867-198555431	9	LRP1B	NM_018557	-	CDS	Intron 3	1	PLCL1	NM_006226	+	CDS	Intron 1	0
DLPS2	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	2	198553158-198553208	9	118466882-118466932	19	PLCL1	NM_006226	+	CDS	Intron 1	0	ASTN2	NM_198187	-	CDS	Intron 16	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	2	199077916-199078161	6	42059437-42059682	29							CCND3	NM_001136017	-	CDS	Intron 1	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	2	199083759-199083784	9	116083774-116083799	24							COL27A1	NM_032888	+	CDS	Intron 37	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	2	199222242-199222343	5	41004850-41004951	27							C7	NM_000587	+	CDS	Intron 14	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	2	200170411-200172264	6	41943985-41945838	6							USP49	NM_018561	-	CDS	Intron 3	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	2	200173251-200174983	5	40557593-40558735	29												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	2	202085730-202086154	5	32268407-32268831	23	ALS2CR11	NM_001168216	-	CDS	Intron 11	1	MTMR12	NM_001040446	-	CDS	Intron 15	0
DLPS2	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	2	202367216-202368072	6	42076169-42077025	11							CCND3	NM_001136017	-	CDS	Intron 1	0
DLPS2	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	2	202454915-202454989	12	68297967-68298041	13	PFTK2	----- Verify by hand -----	NA	NA	NA	NA						
DLPS2	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	2	204785272-204786847	5	41512100-41513343	7							PLCXD3	NM_001005473	-	CDS	Intron 1	1
DLPS2	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	2	204786469-204786845	5	28099234-28100731	8												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	2	205035098-205036588	5	31812920-31814788	71												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	2	205061519-205063344	5	21112531-21114344	61												
DLPS2	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	2	205232988-205233312	5	31798322-31798646	8	PARD3B	NM_152526	+	CDS	Intron 1	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	2	205238818-205240133	9	116738261-116740211	87	PARD3B	NM_152526	+	CDS	Intron 1	0						
DLPS2	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	2	205437417-205439256	5	37745520-37747359	5	PARD3B	NM_152526	+	CDS	Intron 2	0	WDR70	NM_018034	+	CDS	Intron 13	2
DLPS2	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	2	216333987-216335411	5	41510822-41512246	5							PLCXD3	NM_001005473	-	CDS	Intron 1	1
DLPS2	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	2	229751570-229753770	11	84870519-84872719	6	PID1	NM_017933	-	CDS	Intron 2	0	DLG2	NM_001142699	-	CDS	Intron 3	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	3	113200901-113202838	5	27413844-27416036	91	TAGLN3	NM_001008272	+	CDS	Intron 1	-1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	3	113203703-113205408	6	44870814-44873139	121	TAGLN3	NM_001008272	+	CDS	Intron 3	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	3	115994805-115996464	14	102241824-102243563	102	ZBTB20	NM_015642	-	CDS	Intron 4	-1	RCOR1	NM_015156	+	CDS	Intron 4	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	3	116775499-116777695	6	43487141-43489068	293												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	3	116785078-116787377	5	41932133-41934353	478												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	21068258-21070490	12	56191757-56193511	185							MARS	NM_004990	+	CDS	Exon 12	Unknown
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	5	21126426-21128297	5	28758211-28760316	241												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	21248294-21250408	12	95422111-95423420	169												
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	5	21264425-21265753	5	40732188-40733369	22												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	21266115-21267515	12	68839311-68840949	48												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	21652650-21654604	9	111532531-111534526	79							PALM2	NM_053016	+	CDS	Intron 1	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	22150378-22152078	12	67770323-67772468	167	CDH12	NM_004061	-	CDS	Intron 4	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	22163155-22164747	9	115504545-115506137	5	CDH12	NM_004061	-	CDS	Intron 4	0						
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	5	22297071-22298940	5	36852593-36854581	69	CDH12	NM_004061	-	CDS	Intron 3	-1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-non-amplified DNA	Somatic	5	22308690-22309823	12	59221789-59222922	29	CDH12	NM_004061	-	CDS	Intron 3	-1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	22310348-22310392	6	41346219-41346263	26	CDH12	NM_004061	-	CDS	Intron 3	-1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	22350696-22352357	14	101630309-101631970	5	CDH12	NM_004061	-	CDS	Intron 3	-1	HSP90AA1	NM_001017963	-	CDS	Intron 2	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	22352855-22353829	9	117546498-117547472	9	CDH12	NM_004061	-	CDS	Intron 3	-1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	22353527-22354907	14	101630880-101632260	8	CDH12	NM_004061	-	CDS	Intron 3	-1	HSP90AA1	NM_001017963	-	CDS	Intron 2	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	22674529-22675729	18	43661474-43662674	7	CDH12	NM_004061	-	CDS	Intron 1	-1	SMAD2	NM_001135937	-	CDS	Intron 2	2
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	5	22717513-22719484	5	25238595-25240405	166	CDH12	NM_004061	-	CDS	Intron 1	-1						
DLPS2	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	5	23724152-23725088	5	36314458-36315394	11							RANBP3L	NM_001161429	-	CDS	Intron 1	1
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	5	23978728-23980659	5	37104385-37106237	283												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-non-amplified DNA	Somatic	5	24003490-24005493	12	95842448-95843133	112							NEDD1	NM_152905	+	CDS	Intron 6	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	24466172-24466774	6	45947268-45947870	21												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	24466316-24467923	6	45943950-45945557	14												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	24560422-24561023	6	49422424-49423025	12	CDH10	NM_006727	-	CDS	Intron 5	1						
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	5	25159731-25161895	5	28751961-28753857	264												
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	5	25172131-25174196	5	25410292-25411936	203												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	25216646-25218476	12	91755367-91757043	69							EEA1	NM_003566	-	CDS	Intron 10	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	25395690-25397763	12	64600292-64602391	506							HMGA2	NM_003483	+	CDS	Intron 3	0
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	5	25530583-25531993	5	40834094-40835504	9												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	25619068-25620815	12	56264284-56266475	53							KIF5A	NM_004984	+	CDS	Exon 29	Unknown
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	5	25620149-25622027	5	26844211-26846090	65												
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	5	26008708-26010280	5	37936272-37938057	358												
DLPS2	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	5	26074235-26075795	5	30153531-30154858	21												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	26090405-26090518	12	63829461-63829574	9												
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	5	26092769-26094574	5	40725665-40727378	219							PTGER4	NM_000958	+	CDS	Intron 2	0
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	5	26093670-26095626	5	40438490-40440399	196												
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	5	26275353-26277044	5	40734603-40736462	52												
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	5	26683376-26685029	5	38131479-38133522	119												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	26692117-26693828	12	67532336-67534268	84							CPM	NM_001874	-	CDS	Exon 9	Unknown
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	5	26843544-26845654	5	27072583-27074594	58							CDH9	NM_016279	-	CDS	Intron 1	0
DLPS2	Intrachromosomal non-inverted orientation - non-amplified DNA-to-amplicon	Somatic	5	26970336-26970800	5	29715245-29715709	9	CDH9	NM_016279	-	CDS	Intron 2	0						
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	5	26975736-26977786	5	41321126-41322308	46	CDH9	NM_016279	-	CDS	Intron 2	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	27112131-27114012	9	115648362-115650243	43												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	27112153-27113998	9	115650395-115652240	21												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	27114386-27116176	9	115650429-115652219	41												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	27114392-27116236	9	115648402-115650246	50												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	27114392-27116632	9	115743738-115745978	5							ZNF618	NM_133374	+	CDS	Intron 1	0
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	5	27127754-27129294	5	41317740-41319280	6												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	27397328-27399543	12	56726125-56728309	842												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	27488520-27490526	9	118216755-118218761	5												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	27492042-27493582	9	118215834-118217374	6												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-non-amplified DNA	Somatic	5	27540398-27541505	9	76837654-76838761	6												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	27614986-27615880	6	49726778-49727672	7												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	27617802-27620009	12	68677279-68679892	60												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	27656193-27657922	6	41617452-41619246	72												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-non-amplified DNA	Somatic	5	27659385-27660169	14	77686811-77687595	8												
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-non-amplified DNA	Somatic	5	27706602-27707861	5	38349505-38350499	24							EGFLAM	NM_152403	+	CDS	Intron 1	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	27756074-27757681	12	69329789-69332027	27							PTPRR	NM_002849	-	CDS	Intron 13	2
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	27772001-27772798	14	102603740-102604537	10												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	27782772-27784476	12	91670498-91672800	358							PLEKHG7	NM_001004330	+	CDS	Intron 5	0
DLPS2	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	5	27935402-27937047	9	122384473-122386118	6												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	28087363-28089148	12	68585855-68587849	138												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	28096098-28097076	6	49780831-49781809	8							CRISP2	NM_001142407	-	CDS	Intron 3	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	28106337-28108668	12	68589075-68591058	657												
DLPS2	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	5	28606422-28607754	5	39150212-39151544	15							FYB	NM_199335	-	CDS	Intron 15	1
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	5	28607983-28609579	5	28609629-28611225	17												
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	5	28610621-28611913	5	39154107-39155727	186							FYB	NM_199335	-	CDS	Intron 15	1
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	5	28614296-28616315	5	29107123-29109153	463												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	28664550-28666505	12	57804618-57806406	216												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	28669805-28670916	6	41931132-41932243	12							USP49	NM_018561	-	CDS	Intron 3	0
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	5	28679676-28680212	5	35795870-35796406	11							SPEF2	NM_024867	+	CDS	Intron 25	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	28736626-28738766	9	119175167-119176727	24							ASTN2	NM_198187	-	CDS	Intron 1	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	29018497-29019384	12	67814496-67815383	13												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	29018534-29019709	12	68274765-68275940	19							CCT2	NM_006431	+	CDS	Intron 10	2
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	29019997-29020972	12	77772078-77774172	79												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	29051772-29053996	12	67602803-67605099	239							CPM	NM_001874	-	CDS	Intron 2	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	29086773-29089059	12	96143998-96146435	458												
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	5	29244199-29246153	5	35425418-35427372	5												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	29410598-29412818	12	96115418-96117378	173												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	29509106-29510262	14	68177110-68178266	9												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	29544897-29546800	12	67545081-67547341	116							CPM	NM_001874	-	CDS	Intron 7	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	29591414-29593292	12	67632494-67634663	188							CPM	NM_001874	-	CDS	Intron 1	0
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	5	29613430-29613714	5	31828356-31828640	9												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	29641274-29642172	9	117251388-117252933	6												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-non-amplified DNA	Somatic	5	29698824-29699299	9	108901732-108902207	11												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	29789704-29791844	9	116390104-116391754	85							ATP6V1G1	NM_004888	+	CDS	Intron 1	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	29921408-29922042	9	117144005-117144639	9							2-Dec	NM_017418	+	CDS	Intron 4	-1
DLPS2	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	5	30008730-30009857	5	42011883-42013010	9												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	30024300-30026350	12	67393904-67395962	150							NUP107	NM_020401	+	CDS	Intron 11	2
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	30131481-30133568	12	96227946-96229862	340												
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	5	30260518-30262290	5	36857994-36859948	34												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	30299064-30300712	6	50970255-50971810	49												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	30391977-30393834	6	41934706-41935723	37							USP49	NM_018561	-	CDS	Intron 3	0
DLPS2	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	5	30488580-30490299	5	35341216-35343316	41												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	30557642-30558992	18	43660514-43661864	5							SMAD2	NM_001135937	-	CDS	Intron 2	2
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	5	30606095-30607130	5	40699397-40700432	39												
DLPS2	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	5	31567567-31567615	5	35277463-35277511	37	RNASEN	NM_013235	-	CDS	Intron 1	-1						
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	5	31659677-31661038	5	35594392-35595753	5												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-non-amplified DNA	Somatic	5	31707810-31709764	12	95669921-95671093	37							C12orf63	NM_198520	+	CDS	Intron 22	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	31723536-31724464	12	95488178-95489106	12												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	31752707-31752736	9	117636941-117636970	21												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	31780925-31782613	12	67443465-67445250	37							SLC35E3	NM_018656	+	CDS	Intron 4	0
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	5	31810976-31812675	5	35015941-35018254	47												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	31819823-31820034	19	2035632-2035843	27							MOBKL2A	NM_130807	-	CDS	Intron 2	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	32027013-32029226	12	68755260-68757097	114	PDZD2	NM_178140	+	CDS	Intron 2	2						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	32027455-32029307	12	67556272-67558011	118	PDZD2	NM_178140	+	CDS	Intron 2	2	CPM	NM_001874	-	CDS	Intron 3	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	32034066-32035712	14	68285949-68287478	57	PDZD2	NM_178140	+	CDS	Intron 3	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	32116593-32118738	12	91679978-91681368	93	PDZD2	NM_178140	+	CDS	Intron 18	0	PLEKHG7	NM_001004330	+	CDS	Intron 9	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	32219874-32222018	12	68887743-68889761	229												
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	5	32253672-32255372	5	34943263-34945116	102							RAD1	NM_002853	-	CDS	Exon 6	Unknown
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	32305237-32306255	19	56900322-56901340	8	MTMR12	NM_001040446	-	CDS	Intron 5	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	32324268-32324408	12	95419582-95419722	83	MTMR12	NM_001040446	-	CDS	Intron 1	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	32369698-32370945	12	67703587-67705516	83												
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	5	32380890-32382625	5	40065233-40066738	44												

DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	34934456-34936676	12	67367344-67369324	266	TTC23L	NM_144725	+	CDS	Intron 10	0	NUP107	NM_020401	+	CDS	Intron 1	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	35150399-35152507	9	115491001-115493308	93	PRLR	NM_000949	-	CDS	Intron 2	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	35151360-35153231	6	48661429-48663300	8	PRLR	NM_000949	-	CDS	Intron 2	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	35153465-35155409	9	115648310-115650254	11	PRLR	NM_000949	-	CDS	Intron 2	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	35153490-35155578	9	115650339-115652427	8	PRLR	NM_000949	-	CDS	Intron 2	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	35159855-35162112	9	115650337-115652594	13	PRLR	NM_000949	-	CDS	Intron 1	-1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	35159857-35162111	9	115648033-115650287	14	PRLR	NM_000949	-	CDS	Intron 1	-1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	35162149-35164333	9	115650391-115652575	14	PRLR	NM_000949	-	CDS	Intron 1	-1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	35162175-35164391	9	115648046-115650262	17	PRLR	NM_000949	-	CDS	Intron 1	-1						
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	5	35241752-35242655	5	38974540-38975443	15	PRLR	NM_000949	-	CDS	Intron 1	-1	RICTOR	NM_152756	-	CDS	Exon 38	Unknown
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	5	35242916-35244196	5	38974011-38975291	7	PRLR	NM_000949	-	CDS	Intron 1	-1	RICTOR	NM_152756	-	CDS	Exon 38	Unknown
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	5	35272618-35274391	5	39095356-39097030	136							RICTOR	NM_152756	-	CDS	Intron 2	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	35286285-35286553	9	119414442-119414710	21												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	35301596-35303573	9	115545256-115546577	45												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	35518412-35518639	12	67564484-67564711	13							CPM	NM_001874	-	CDS	Intron 3	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	35595702-35596678	6	49250708-49251684	7												
DLPS2	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	5	35625503-35625755	5	39056024-39056276	23							RICTOR	NM_152756	-	CDS	Intron 3	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	35679622-35680651	12	67590269-67591298	20	SPEF2	NM_024867	+	CDS	Intron 3	2	CPM	NM_001874	-	CDS	Intron 2	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	35704123-35706299	6	46012054-46013924	48	SPEF2	NM_024867	+	CDS	Intron 9	0	CLIC5	NM_001114086	-	CDS	Intron 4	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	35798539-35800115	12	67778162-67779738	5	SPEF2	NM_024867	+	CDS	Intron 25	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	35845847-35845849	9	116926924-116926926	25	SPEF2	NM_024867	+	CDS	Intron 36	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	36000205-36002253	12	67639449-67641283	50	UGT3A1	NM_152404	-	CDS	Intron 4	0	CPM	NM_001874	-	CDS	Intron 1	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	36005678-36007621	12	85324316-85326259	6	UGT3A1	NM_152404	-	CDS	Intron 2	1	MGAT4C	NM_013244	-	CDS	Intron 2	-1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	36007903-36010337	19	58400241-58401545	107	UGT3A1	NM_152404	-	CDS	Intron 2	1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	36020997-36021700	13	19702694-19703397	5	UGT3A1	NM_152404	-	CDS	Intron 2	1	GJB6	NM_001110221	-	CDS	Intron 1	-1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	36029490-36031266	9	117256194-117257248	13												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	36060065-36060697	6	43544709-43545341	11												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	36110820-36113105	19	56958380-56960532	71							FPR2	NM_001005738	+	CDS	Intron 1	-1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	36175599-36176721	9	118217670-118218792	12	LMBRD2	NM_001007527	-	CDS	Intron 4	2						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	36220854-36222561	12	68448268-68450240	44							RAB3IP	NM_175624	+	CDS	Intron 3	2
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	36334389-36335383	12	68573185-68574179	12	RANBP3L	NM_001161429	-	CDS	Intron 1	1						
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	5	36445085-36446723	5	36465896-36467369	52												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	36452698-36453031	6	49753294-49754765	14												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	36453788-36455467	6	49750217-49751896	7												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	36454206-36455725	6	49754359-49754924	19												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	36460804-36461991	12	68364336-68365523	8							BEST3	NM_032735	-	CDS	Intron 4	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	36461382-36463003	12	68368070-68369932	91							BEST3	NM_032735	-	CDS	Intron 4	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	36498766-36499796	19	56899728-56900758	8							NCRNA00085	Non-coding RNA				
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	36523647-36525931	12	90578257-90580375	194												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	36576940-36578931	7	122503925-122505934	187												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-non-amplified DNA	Somatic	5	36586153-36587358	9	122491726-122492931	14							MEGF9	NM_001080497	-	CDS	Intron 3	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	36587762-36588470	9	122385564-122386272	25												
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	5	36634476-36635476	5	36639407-36641589	12												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	36639378-36641784	6	42146921-42148195	30							TAF8	NM_138572	+	CDS	Intron 7	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	36639807-36642133	12	69297211-69298237	16							PTPRB	NM_001109754	-	CDS	Intron 3	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	36673162-36675250	6	48698723-48700765	46	SLC1A3	NM_004172	+	CDS	Intron 3	1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	36683607-36685426	12	67577411-67579428	167	SLC1A3	NM_004172	+	CDS	Intron 3	1	CPM	NM_001874	-	CDS	Intron 2	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	36685699-36688138	7	111848693-111850874	214	SLC1A3	NM_004172	+	CDS	Intron 3	1	IFRD1	NM_001007245	+	5 UTR		
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	36697255-36697814	12	56318317-56318876	13	SLC1A3	NM_004172	+	CDS	Intron 3	1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	36725396-36727665	6	44986111-44988156	89							SUPT3H	NM_181356	-	CDS	Intron 12	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	36761247-36763369	9	111574650-111576854	481							PALM2	NM_053016	+	CDS	Intron 1	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	36915195-36916633	6	42033617-42035332	5	NIPBL	NM_133433	+	CDS	Intron 1	-1	CCND3	NM_001136017	-	CDS	Intron 1	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	36979119-36980317	6	45978549-45980062	47	NIPBL	NM_133433	+	CDS	Intron 1	-1	CLIC5	NM_001114086	-	CDS	Exon 6	Unknown
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	36979228-36980462	12	90736163-90737708	34	NIPBL	NM_133433	+	CDS	Intron 1	-1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	37099204-37100983	12	93817232-93818646	32	NIPBL	NM_133433	+	CDS	Intron 45	2						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	37241067-37243056	6	49839784-49841619	11	C5orf42	NM_023073	-	CDS	Intron 18	1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	37289318-37291359	6	44454421-44456256	65												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	37346928-37347515	9	21143687-21144274	32	NUP155	NM_153485	-	CDS	Intron 22	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	37377132-37379467	9	113928715-113931006	460	NUP155	NM_153485	-	CDS	Intron 10	1	SUSD1	NM_022486	-	CDS	Intron 5	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	37381692-37383436	9	78095696-78097224	41	NUP155	NM_153485	-	CDS	Intron 9	2						
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	5	37389487-37391851	5	40661181-40663067	462	NUP155	NM_153485	-	CDS	Intron 4	1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	37544006-37546201	14	102838428-102840748	334	WDR70	NM_018034	+	CDS	Intron 8	2						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	37774558-37776218	14	102151782-102154268	18	WDR70	NM_018034	+	CDS	Intron 17	1	RCOR1	NM_015156	+	CDS	Intron 2	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	37878883-37880281	12	67774582-67775980	6												
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	5	38238327-38240363	5	40660159-40662146	799												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	38297405-38299769	6	48043188-48045461	675	EGFLAM	NM_152403	+	CDS	Intron 1	0	C6orf138	NM_001013732	-	CDS	Intron 2	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	38335403-38337010	19	40809620-40811388	64	EGFLAM	NM_152403	+	CDS	Intron 1	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	38365906-38366678	9	113793194-113793966	15	EGFLAM	NM_152403	+	CDS	Intron 1	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	38375044-38375148	6	41363688-41363792	38	EGFLAM	NM_152403	+	CDS	Intron 3	0						
DLPS2	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	5	38416872-38417695	6	45729936-45731727	169	EGFLAM	NM_152403	+	CDS	Intron 6	2						
DLPS2	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	5	38416921-38417757	12	67769452-67771876	158	EGFLAM	NM_152403	+	CDS	Intron 6	2						
DLPS2	Intrachromosomal non-inverted orientation - non-amplified DNA-to-amplicon	Somatic	5	38422030-38423511	5	41317372-41318853	6	EGFLAM	NM_152403	+	CDS	Intron 6	2						
DLPS2	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	5	38975029-38976011	5	38975754-38976736	6	RICTOR	NM_152756	-	CDS	Exon 38	Unknown	RICTOR	NM_152756	-	CDS	Exon 38	Unknown
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	5	39094182-39094365	5	39095762-39095945	126	RICTOR	NM_152756	-	CDS	Intron 2	1	RICTOR	NM_152756	-	CDS	Intron 2	1
DLPS2	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	5	39144003-39145721	5	39145515-39147233	7	FYB	NM_199335	-	CDS	Intron 17	1	FYB	NM_199335	-	CDS	Intron 16	2
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	5	39146556-39148257	5	40705815-40707411	234	FYB	NM_199335	-	CDS	Intron 15	1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	39520773-39522594	9	122510830-122512841	206							MEGF9	NM_001080497	-	CDS	Intron 1	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	39522250-39522836	6	48374047-48374633	90												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	39522532-39524142	12	67517975-67520153	12							MDM2	NM_002392	+	CDS	Intron 10	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	39525520-39526997	14	68052795-68053877	43							RAD51L1	NM_133509	+	CDS	Intron 10	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	39649515-39649997	12	67589980-67590462	39							CPM	NM_001874	-	CDS	Intron 2	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	39649729-39651928	9	111536331-111537806	236							PALM2	NM_053016	+	CDS	Intron 1	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-non-amplified DNA	Somatic	5	39655240-39656032	14	77717984-77718776	7												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	39675798-39677998	12	96138575-96140517	205												
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	5	39700546-39702609	5	40354814-40357050	267												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	39828897-39829688	12	90651291-90652082	92												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	39829789-39830914	6	41933364-41934489	47							USP49	NM_018561	-	CDS	Intron 3	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	39971482-39973049	6	41932917-41934484	15							USP49	NM_018561	-	CDS	Intron 3	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	39973284-39974312	12	90650930-90651958	77												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	40045699-40047780	9	115501335-115503289	80												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	40098224-40100428	9	119112738-119114448	87							ASTN2	NM_198187	-	CDS	Intron 1	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	40151967-40153671	12	67715981-67718324	45												
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	5	40426562-40428430	5	40443983-40445926	162												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	40605870-40606739	14	102152300-102153281	12							RCOR1	NM_015156	+	CDS	Intron 2	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	40663076-40664853	12	68401664-68403874	88												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	40670027-40672241	12	68449696-68451871	263							RAB3IP	NM_175624	+	CDS	Intron 3	2
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	5	40674705-40676162	5	41016650-41017997	39							C7	NM_000587	+	CDS	Intron 17	2
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	40699150-40700573	12	68342805-68344228	6							BEST3	NM_032735	-	CDS	Intron 9	2
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	40711629-40713463	9	72457458-72459032	16							TRPM3	NM_001007471	-	CDS	Intron 9	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	40719923-40721719	6	41341640-41343394	74	PTGER4	NM_000958	+	CDS	Intron 2	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	40768026-40769316	12	90650540-90651830	21	TTC33	NM_012382	-	CDS	Intron 2	2						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	40835827-40836610	9	21144090-21144873	14												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	40950834-40952883	12	67481974-67483988	156	C7	NM_000587	+	CDS	Intron 1	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-non-amplified DNA	Somatic	5	40983747-40984220	14	77685289-77685762	10	C7	NM_000587	+	CDS	Intron 8	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	41251379-41252108	12	67589535-67590264	27	C6	NM_001115131	-	CDS	Intron 1	0	CPM	NM_001874	-	CDS	Intron 2	1
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	5	41382081-41383414	5	42060266-42061599	5	PLCXD3	NM_001005473	-	CDS	Intron 2	2						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	41401146-41403026	9	119545723-119547284	39	PLCXD3	NM_001005473	-	CDS	Intron 2	2						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	41483940-41486189	9	117256135-117257098	18	PLCXD3	NM_001005473	-	CDS	Intron 1	1						
DLPS2	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	5	41495788-41495799	5	41518560-41518571	10	PLCXD3	NM_001005473	-	CDS	Intron 1	1	PLCXD3	NM_001005473	-	CDS	Intron 1	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	41500357-41500747	6	42144413-42144803	31	PLCXD3	NM_001005473	-	CDS	Intron 1	1	TAF8	NM_138572	+	CDS	Intron 7	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	41549375-41551003	6	42141006-42142779	59							TAF8	NM_138572	+	CDS	Intron 5	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	41559618-41561941	9	118246089-118248226	670							ASTN2	NM_198187	-	CDS	Intron 20	2
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	42031111-42032497	9	118216002-118217561	16												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	5	42223730-42225927	12	55309405-55312096	220							BAZ2A	NM_013449	-	CDS	Intron 1	1
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	5	42229914-42232021	5	43042979-43044910	220												
DLPS2	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	5	71182650-71184804	11	84870604-84872758	6							DLG2	NM_001142699	-	CDS	Intron 3	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-non-amplified DNA	Somatic	6	41345320-41345886	12	59223492-59224058	60												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	6	41449089-41449370	9	118340791-118341072	39							ASTN2	NM_198187	-	CDS	Intron 19	1
DLPS2	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	6	41920305-41921380	12	90651067-90652142	23	USP49	NM_018561	-	CDS	Intron 3	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	6	41935770-41936746	12	56976924-56977900	10	USP49	NM_018561	-	CDS	Intron 3	0						
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	6	41944542-41946278	6	42422094-42423532	59	USP49	NM_018561	-	CDS	Intron 3	0	TRERF1	NM_033502	-	CDS	Intron 3	-1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	6	42018261-42019531	9	115649064-115650334	10	CCND3	NM_001136017	-	CDS	Intron 1	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	6	42019981-42021437	9	113909979-113911435	12	CCND3	NM_001136017	-	CDS	Intron 1	0	SUSD1	NM_022486	-	CDS	Intron 8	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	6	42021430-42023569	9	115772244-115774383	5	CCND3	NM_001136017	-	CDS	Intron 1	0	ZNF618	NM_133374	+	CDS	Intron 2	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	6	42021490-42023691	9	115648128-115650329	7	CCND3	NM_001136017	-	CDS	Intron 1	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	6	42021495-42023559	9	115650400-115652464	15	CCND3	NM_001136017	-	CDS	Intron 1	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	6	42021702-42023946	9	115652631-115652818	23	CCND3	NM_001136017	-	CDS	Intron 1	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	6	42063354-42065250	9	118759767-118761750	19	CCND3	NM_001136017	-	CDS	Intron 1	0	ASTN2	NM_198187	-	CDS	Intron 10	2
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	6	42097429-42097772	9	118275128-118275471	25	CCND3	NM_001136017	-	CDS	Intron 1	0	ASTN2	NM_198187	-	CDS	Intron 20	2
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	6	43568948-43571050	12	56218044-56219357	23	TJAP1	NM_001146016	+	CDS	Intron 2	-1	DCTN2	NM_006400	-	CDS	Intron 2	2
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	6	44505808-44508174	14	68042815-68045077	370	CDC5L	NM_001253	+	CDS	Intron 14	0	RAD51L1	NM_133509	+	CDS	Intron 10	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	6	45729815-45731184	12	67769445-67770597	68												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	6	45741948-45743205	9	115634506-115635763	7												
DLPS2	Interchromosomal reciprocal - amplicon-to-amplicon	Somatic	6	45744994-45747304	9	115652635-115652864	101												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	6	45780997-45782840	9	113810687-113812338	74												
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	6	45849447-45851235	6	49961578-49963708	424												
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	6	45945963-45946874	6	45947890-45948801	7												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	6	45973158-45975221	12	58075441-58076954	48	CLIC5	NM_001114086	-	3 UTR								
DLPS2	Intrachromosomal non-inverted orientation - non-amplified DNA-to-amplicon	Somatic	6	48153969-48154480	6	50110772-50111283	27												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-non-amplified DNA	Somatic	6	48155050-48155825	19	40851442-40852217	8							UPK1A	NM_007000	+	CDS	Intron 2	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	6	48375806-48376524	14	68051453-68053748	175							RAD51L1	NM_133509	+	CDS	Intron 10	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	6	48463569-48464699	12	56719394-56720524	5												
DLPS2	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	6	48475360-48477292	6	48702393-48704325	5												
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	6	48703319-48704603	6	49056195-49057827	70												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-non-amplified DNA	Somatic	6	49010854-49012116	9	76680901-76682163	6							TRPM6	NM_017662	-	CDS	Intron 1	0
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	6	49058407-49058936	6	49235939-49236468	31												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	6	49799596-49800939	9	118346438-118347781	6							ASTN2	NM_198187	-	CDS	Intron 19	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	6	49839598-49840039	12	89841891-89842332	28												
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	6	50108774-50110682	6	50126529-50128461	61												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-non-amplified DNA	Somatic	6	50109668-50110663	19	40850171-40851166	11							UPK1A	NM_007000	+	CDS	Intron 1	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	6	50113244-50113781	12	58041494-58042031	17												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	6	50781114-50782790	12	90725618-90726875	21												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	6	50788130-50788226	12	58068658-58068754	63												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	6	50831811-50833785	12	58087325-58088587	54	TFAP2D	NM_172238	+	CDS	Intron 7	2						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	6	50962423-50964361	19	40815017-40816731	77							RBM42	NM_024321	+	CDS	Intron 4	1
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	7	111831085-111832839	7	122515537-122517189	105												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-non-amplified DNA	Somatic	8	43212419-43214452	9	14234594-14236627	5							NFIB	NM_005596	-	CDS	Intron 2	1
DLPS2	Interchromosomal reciprocal - amplicon-to-non-amplified DNA	Somatic	8	43216226-43218330	9	14237009-14237036	10							NFIB	NM_005596	-	CDS	Intron 2	1
DLPS2	Interchromosomal non-reciprocal - amplicon-to-non-amplified DNA	Somatic	8	43216668-43218322	13	91835134-91835134	6							GPC5	NM_004466	+	CDS	Intron 7	0
DLPS2	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	8	56915531-56917771	17	30502330-30504570	5							UNC45B	NM_173167	+	CDS	Intron 4	1
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-non-amplified DNA	Somatic	9	72274131-72275564	9	72993103-72994536	8												
DLPS2	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	9	72911824-72913650	12	95488042-95489868	7	TRPM3	NM_001007471	-	CDS	Intron 1	0						
DLPS2	Intrachromosomal inverted orientation	Somatic	9	72954153-72955004	9	76968454-76969305	12												
DLPS2	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	9	75438922-75439600	12	95488413-95489091	5												
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	9	81097450-81099243	9	117366235-117368030	53												
DLPS2	Intrachromosomal non-inverted orientation	Somatic	9	96410726-96412061	9	110452247-110453582	5	FBP1	NM_001127628	-	CDS	Intron 5	0						
DLPS2	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	9	109311261-109311341	9	118216369-118216449	21												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	113805213-113807014	12	95477624-95479425	8												

DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	113913571-113915490	12	68453182-68455434	143	SUSD1	NM_022486	-	CDS	Intron 8	1	RAB3IP	NM_175624	+	CDS	Intron 3	2
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	115418076-115419894	19	35533062-35534626	110												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	115551064-115551384	12	67681282-67681602	18												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	115553392-115554699	12	67681379-67682686	7												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	115648046-115650335	14	67806600-67808889	8							RAD51L1	NM_133509	+	CDS	Intron 7	2
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	115650335-115652597	14	67808887-67811149	5							RAD51L1	NM_133509	+	CDS	Intron 7	2
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	9	115650338-115651536	9	115810148-115811346	6							ZNF618	NM_133374	+	CDS	Intron 6	1
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	9	115806919-115807411	9	115807965-115808457	87	ZNF618	NM_133374	+	CDS	Intron 5	1	ZNF618	NM_133374	+	CDS	Intron 5	1
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-non-amplified DNA	Somatic	9	115997202-115998292	9	122862572-122863662	39	COL27A1	NM_032888	+	CDS	Intron 6	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	115998118-115999047	12	68293924-68294853	19	COL27A1	NM_032888	+	CDS	Intron 7	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	115998474-115999632	12	68298096-68301103	23	COL27A1	NM_032888	+	CDS	Intron 7	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	116175497-116177228	14	102695343-102696863	21	AKNA	NM_030767	-	CDS	Intron 4	0						
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	9	116213446-116214911	9	116938771-116940510	50	DFNB31	NM_015404	-	CDS	Intron 7	0						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	116603324-116605000	19	2922652-2922924	78	TNFSF15	NM_005118	-	CDS	Intron 1	0						
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	9	117504138-117505075	9	117655200-117656137	10												
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	9	117506198-117506521	9	117516769-117517092	9												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	117838124-117839594	12	67536191-67537661	7							CPM	NM_001874	-	CDS	Exon 9	Unknown
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	117937026-117937286	12	63798194-63798454	7							WIF1	NM_007191	-	CDS	Intron 2	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	118005982-118007335	12	67356380-67358102	38	PAPPA	NM_002581	+	CDS	Intron 2	1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	118118505-118120151	12	67402071-67403637	49	PAPPA	NM_002581	+	CDS	Intron 10	1	NUP107	NM_020401	+	CDS	Intron 16	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	118252893-118254699	12	69001409-69003829	193	ASTN2	NM_198187	-	CDS	Intron 20	2	CNOT2	NM_014515	+	CDS	Intron 4	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	118258545-118260598	12	57037990-57040007	96	ASTN2	NM_198187	-	CDS	Intron 20	2						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	118296938-118298321	12	68596033-68597908	43	ASTN2	NM_198187	-	CDS	Intron 19	1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	118755914-118758071	12	95371865-95373439	50	ASTN2	NM_198187	-	CDS	Intron 10	2						
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	9	122384318-122386162	9	122616360-122617948	135												
DLPS2	Intrachromosomal inverted orientation - amplicon-to-non-amplified DNA	Somatic	9	122385008-122386521	9	122490017-122491530	7							MEGF9	NM_001080497	-	CDS	Intron 3	1
DLPS2	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	9	122393583-122393630	12	68321020-68322656	13												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	9	122510071-122512138	14	102839758-102841951	264	MEGF9	NM_001080497	-	CDS	Intron 1	1						
DLPS2	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	9	122866035-122866486	12	68300239-68301919	85												
DLPS2	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	10	50143909-50146191	11	84872819-84875101	5							DLG2	NM_001142699	-	CDS	Intron 3	1
DLPS2	Interchromosomal non-reciprocal - non-amplified DNA-to-amplicon	Somatic	11	88836760-88837918	12	90634653-90635811	5	NOX4	NM_001143837	-	CDS	Intron 5	0						
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-non-amplified DNA	Somatic	12	55312684-55313270	12	95667234-95667820	10	BAZ2A	NM_013449	-	CDS	Intron 1	1	C12orf63	NM_198520	+	CDS	Intron 22	0
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	55314709-55316616	12	69336271-69338192	305	BAZ2A	NM_013449	-	CDS	Intron 1	1	PTPRR	NM_002849	-	CDS	Intron 13	2
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	56549837-56551808	12	91693343-91695520	85							EEA1	NM_003566	-	CDS	Exon 29	Unknown
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	56577698-56579620	12	68674033-68675338	36												
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	56723060-56723437	12	95374868-95375245	8												
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	56723557-56724807	12	69292097-69293347	14							PTPRB	NM_001109754	-	CDS	Intron 3	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	56895770-56897392	14	67306850-67308360	70							ZFYVE26	NM_015346	-	CDS	Intron 28	0
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	57096250-57097705	12	68424922-68426449	75							RAB3IP	NM_175624	+	CDS	Intron 1	-1
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	57142943-57144814	12	67358276-67360205	200												
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	57884000-57885711	12	95498617-95500772	266												
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	63789859-63791493	19	35512492-35514302	95	WIF1	NM_007191	-	CDS	Intron 2	0						
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	64568151-64568520	12	72574371-72574740	15	HMGA2	NM_003483	+	CDS	Intron 3	0						
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	64571564-64572023	12	68604973-68605432	12	HMGA2	NM_003483	+	CDS	Intron 3	0						
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	67327798-67329689	12	95352730-95354949	394	RAP1B	NM_015646	+	CDS	Intron 1	-1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	67333087-67335034	14	76338210-76340165	40	RAP1B	NM_015646	+	CDS	Intron 4	0	ANGEL1	NM_015305	-	CDS	Intron 7	1
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	67420312-67421215	12	67421780-67422707	7	NUP107	NM_020401	+	CDS	Intron 26	0	NUP107	NM_020401	+	CDS	Intron 26	0
DLPS2	Interchromosomal non-reciprocal - amplicon-to-non-amplified DNA	Somatic	12	67542115-67543115	14	59199601-59200601	5	CPM	NM_001874	-	CDS	Intron 7	1	RTN1	NM_021136	-	CDS	Intron 3	1
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	67584878-67585189	12	67764499-67764810	30	CPM	NM_001874	-	CDS	Intron 2	1						
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	67610591-67610750	12	96255636-96255795	70	CPM	NM_001874	-	CDS	Intron 2	1						
DLPS2	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	12	67611190-67611885	12	67723267-67723962	7	CPM	NM_001874	-	CDS	Intron 2	1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-non-amplified DNA	Somatic	12	67652250-67652659	14	78949187-78949596	18							NRXN3	NM_004796	+	CDS	Intron 12	1
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-non-amplified DNA	Somatic	12	67723026-67724484	12	95747447-95748905	9												
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	67801854-67803875	12	68279324-68280690	69							CCT2	NM_006431	+	CDS	Intron 14	0
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	67813537-67814906	12	68510633-68512444	133												
DLPS2	Intrachromosomal inverted orientation - amplicon-to-amplicon	Somatic	12	68962969-68964773	12	68965189-68966993	15	CNOT2	NM_014515	+	CDS	Intron 2	0	CNOT2	NM_014515	+	CDS	Intron 2	0
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	69295705-69297478	12	95377120-95379031	349	PTPRB	NM_001109754	-	CDS	Intron 3	0						
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	76585169-76587354	12	91555742-91557741	316												
DLPS2	Intrachromosomal non-inverted orientation - amplicon-to-amplicon	Somatic	12	85286526-85288574	12	90585716-90587745	234	MGAT4C	NM_013244	-	CDS	Intron 2	-1						
DLPS2	Interchromosomal non-reciprocal - amplicon-to-amplicon	Somatic	12	85326992-85329123	19	58400290-58401604	151	MGAT4C	NM_013244	-	CDS	Intron 2	-1						
DLPS2	Intrachromosomal inverted orientation, mixed-type complex - amplicon-to-amplicon	Somatic	12	89829373-89830002	12	90626446-90627075	46												
DLPS2	Intrachromosomal non-inverted orientation - non-amplified DNA-to-amplicon	Somatic	12	95749031-95750499	12	96255695-96257163	21												

Table S3: Expressed gene fusions.

Sample	5' Gene	Chromosome	Strand	3' Gene	Chromosome	Strand	No. of RNA reads spanning fusion junction	No. of atypical DNA mate pairs breakpoint	Frame	Validated?
DLPS2	*RCOR1*	14	+	*WDR70*	5	+	15	18	Out-of-frame	Yes
DLPS2	*CNOT2*	12	+	*ASTN2*	9	-	7	193	Out-of-frame	Yes
DLPS2	*FGGY*	1	+	*RTN1*	14	-	5	17	Out-of-frame	No
DLPS1	*CTDSP2*	12	-	*FAM19A2*	12	-	4	33	Out-of-frame	Yes
DLPS1	*NR6A1*	9	-	*TRHDE*	12	+	4	40	In-frame	Yes
DLPS2	*NUP107*	12	+	*PAPPA*	9	+	4	49	Out-of-frame	Yes
DLPS2	*BAZ2A*	12	-	*PTPRR*	12	-	3	305	Disrupted transcript	No

Table S4: Somatic mutations in liposarcoma.

Gene	Nucleotide	Protein	Sample[a]	Source[b]	Type	Copy Number[c]	Promoter status[d]	Predicted functional impact[e]
HDAC1	c.G1387T	p.E463*	DLPS2	Discovery	Nonsense	2.01	Increased (10^{-12})	---
	c.G406A	p.A136T	DD442	Prevalence	Missense	---	---	Medium (1.64)
	c.T451C	p.C151R	DD344	Prevalence	Missense	---	---	High (3.41)
	c.T458C	p.V153A	DD5590p0	Prevalence	Missense	---	---	Medium (1.9)
	c.A608G	p.E203G	DD611	Prevalence	Missense	---	---	Medium (1.71)
	c.T736C	p.S246P	DD6960-1A	Prevalence	Missense	---	---	Medium (1.45)
	c.G790A	p.D264N	DD914	Prevalence	Missense	---	---	High (2.85)
	c.G1360A	p.E454K	DD391	Prevalence	Missense	---	---	Low (0.49)
MAPKAP1	c.A577G	p.M193V	DLPS2	Discovery	Missense	1.08	None	Low (0.94)
	c.A977C	p.E326A	DD2213	Prevalence	Missense	---	---	Medium (1.30)
	c.A311G	p.K104R	DD846	Prevalence	Missense	---	---	Low (0.77)
	c.A265G	p.R89G	DD846	Prevalence	Missense	---	---	Low (0.71)
PTPN9	c.C1045T	p.R349*	DLPS1	Discovery	Nonsense	0.86	None	---
	c.A1472G	p.Q491R	RWD8000-2	Prevalence	Missense	---	---	Low (0.80)
	c.A1027G	p.R343G	WDD171	Prevalence	Missense	---	---	High (3.38)
DAZAP2	c.G474T	p.M158I	DLPS1	Discovery	Missense	0.94	None	Low (0.82)
	chr12:49922753A>G	---	ALT9070	Prevalence	Non-coding, 3' UTR	---	---	---
	chr12:49922779T>C	---	ALT9070	Prevalence	Non-coding, 3' UTR	---	---	---
ABCG2	c.1874 1875insT	p.G625fs	DLPS1	Discovery	Frameshift insertion	1.01	None	---
AHNAK	c.G16487A	p.G5496E	DLPS2	Discovery	Missense	0.92	None	Neutral (-0.34)
ATF6B	c.A421C	p.T141P	DLPS1	Discovery	Missense	0.87	None	Low (0.55)
CADM2	c.G248A	p.R83H	DLPS1	Discovery	Missense	1.06	None	Low (0.14)
CSPG4	c.G3853A	p.G1285S	DLPS1	Discovery	Missense	0.86	None	High (2.59)
HYDIN	c.C5A	p.T2K	DLPS1	Discovery	Missense	0.92	None	Low (0.39)
HYOU1[f]	c.G2029A	p.V677I	DLPS1	Discovery	Missense	0.62	None	Low (0.79)
MAP3K4	chr6:161458265T>C	---	DLPS2	Discovery	Non-coding, 3' UTR	0.99	None	---
MLK4	c.C2195T	p.S732L	DLPS2	Discovery	Missense	0.99	None	Medium (1.03)
MLK4	c.G2196T	p.S732S	DLPS2	Discovery	Silent	0.99	None	Neutral (-0.01)
PDE4DIP	c.C424A	p.L142I	DLPS2	Discovery	Missense	0.98	None	Medium (1.24)
PTCHD1	c.C1254A	p.L418L	DLPS2	Discovery	Silent	---	None	Neutral (-0.01)
RAB11FIP2	chr10:119754620A>G	---	DLPS2	Discovery	Non-coding, 3' UTR	1.01	None	---
SACS[f]	c.G973A	p.G325R	DLPS2	Discovery	Missense	0.89	None	Medium (1.22)
TBX4	c.C1214G	p.S405C	DLPS2	Discovery	Missense	1.04	Increased (10^{-4})	Medium (1.36)
TEX11	c.C405T	p.A135A	DLPS2	Discovery	Silent, splice-site	---	None	Neutral (-0.18)
XIRP2	c.A8674T	p.S2892C	DLPS2	Discovery	Missense	0.96	None	Low (0.00)

[a] DD5590p0, DD6960-1A, RWD8000-2, and ALT9070 are cell lines established at MSK from consenting DLPS patients and tested somatic from available matched normals, as with mutations in the primary tumors.

[b] Discovery includes mutations from either exome or transcriptome sequence data validated with orthogonal 454 sequencing.

[c] Inferred from segmentation of matched whole-genome sequence

[d] The status of differential methylation; in parentheses, the statistical significance (multiple hypothesis corrected q-value).

[e] The prediction of functional impact available for coding point mutations only (FI score in parentheses; http://mutationassessor.org/)

[f] Loss of heterozygosity (LOH)

Table S5: Allele-specific expression in liposarcoma transcriptomes.

Sample	Chromosome	Position	SNP	Alleles	Gene	Reads (normal)	Reads (tumor)[a]	Zygosity	Context	Protein	Type	Q-value	Copy number[b]	Promoter methylation
DLPS2	chr7	5533638	rs7612	C/T	*ACTB*	11/23	0/26	Hom	3' UTR	--	--	0.202	1.11	None
DLPS2	chr1	980669	rs2799073	G/A	*AGRN*	5/6	15/0	Hom	3' UTR	--	--	0.243	1.31	None
DLPS2	chrX	152427617	rs11538656	C/A	*BGN*	13/19	20/1	Hom	3' UTR	--	--	0.023	--	None
DLPS2	chr19	533927	rs8259	T/A	*BSG*	17/8	26/0	Hom	3' UTR	--	--	0.222	1.64	None
DLPS2	chr19	6628989	rs17030	G/A	*C3*	21/22	3/34	Hom	Exonic	p.P1632P	Silent	0.026	1.32	None
DLPS2	chr5	41017932	rs16870568	T/C	*C7*	21/9	1/14	Hom	3' UTR	--	--	0.027	4.85	None
DLPS1	chr19	38565275	rs2772	T/G	*CEBPG*	11/8	2/19	Hom	3' UTR	--	--	0.241	3.92	None
DLPS2	chr5	39407907	rs1046033	A/G	*DAB2*	20/12	7/38	Het	3' UTR	--	--	0.023	14.05	None
DLPS2	chr5	39409010	rs4578	C/T	*DAB2*	16/8	7/30	Het	3' UTR	--	--	0.065	14.05	None
DLPS2	chr10	5848092	rs1129614	G/A	*GDI2*	18/12	21/0	Hom	Exonic	p.T407T	Silent	0.108	1.07	None
DLPS1	chr12	56295639	rs2277323	G/A	*GEFT*	8/8	1/30	Hom	Exonic	p.L411L	Silent	0.064	13.59	None
DLPS2	chr20	56912202	rs7121	C/T	*GNAS*	14/14	0/18	Hom	Exonic	p.I131I	Silent	0.053	1.06	None
DLPS1	chr12	63394427	rs1061743	G/C	*GNS*	13/11	1/27	Hom	3' UTR	--	--	0.026	2.72	None
DLPS2	chr6	31430890	rs1051488	C/T	*HLA-B*	13/31	0/35	Hom	Exonic	p.T329T	Silent	0.065	1.05	None
DLPS2	chr6	31432495	rs1131215	C/A	*HLA-B*	21/10	0/23	Hom	Exonic	p.Y98Y	Silent	1.82E-04	1.05	None
DLPS2	chr6	31430282	rs2308655	C/G	*HLA-B*	13/17	0/27	Hom	Exonic/splicing	p.C349S	Missense	0.026	1.05	None
DLPS2	chr6	31345765	rs41556617	A/T	*HLA-C*	24/9	3/16	Hom	Exonic	p.X324X	Silent	0.036	1.05	None
DLPS2	chr6	31345781	rs17413387	A/G	*HLA-C*	23/13	1/29	Hom	Exonic	p.L319P	Missense	1.82E-04	1.05	None
DLPS2	chr6	31345812	rs1050180	T/C	*HLA-C*	9/13	0/20	Hom	Exonic	p.W309G	Missense	0.207	1.05	None
DLPS2	chr6	32654648	rs1064708	C/T	*HLA-DRB1*	13/14	1/30	Hom	3' UTR	--	--	0.029	1.08	None
DLPS2	chr6	32595380	rs1136795	C/A	*HLA-DRB5*	11/6	0/10	Hom	Exonic	p.A133S	Missense	0.161	1.08	None
DLPS2	chr12	67524002	rs7970778	T/C	*MDM2*	19/4	8/32	Het	3' UTR	--	--	0.003	22.13	None
DLPS1	chr12	56449006	rs703842	A/G	*METTL1*	7/8	1/32	Hom	3' UTR	--	--	0.106	11.84	None
DLPS1	chr14	21037756	rs1139130	A/G	*METTL3*	3/21	14/7	Het	Exonic	p.N445N	Silent	0.060	1.23	None
DLPS2	chr1	61700464	rs2499543	G/A	*NFIA*	4/11	21/1	Hom	3' UTR	--	--	0.015	6.01	None
DLPS1	chr12	56398456	rs799265	A/G	*OS9*	17/16	43/0	Hom	Exonic	p.E465E	Silent	1.82E-04	11.84	None
DLPS2	chr4	152811641	rs4571	T/C	*PET112L*	6/10	15/0	Hom	3' UTR	--	--	0.060	1.00	None
DLPS2	chr11	118033676	rs7389	T/G	*PHLDB1*	12/15	23/2	Hom	3' UTR	--	--	0.064	1.06	None
DLPS2	chr2	170201349	rs1050354	T/A	*PPIG*	7/7	0/16	Hom	Exonic	p.D445E	Missense	0.222	1.00	None
DLPS1	chr19	5156718	rs1129626	C/T	*PTPRS*	7/27	12/6	Het	3' UTR	--	--	0.243	0.82	None
DLPS2	chr3	23936766	rs1133926	A/G	*RPL15*	16/9	31/0	Hom	3' UTR	--	--	0.062	1.09	None
DLPS1	chr21	43659235	rs62932362	G/A	*SIK1*	23/11	3/21	Hom	3' UTR	--	--	0.023	2.67	None
DLPS1	chr21	43659253	rs3366	G/A	*SIK1*	29/11	6/22	Het	3' UTR	--	--	0.026	2.67	None
DLPS2	chr5	36723613	rs2269272	C/T	*SLC1A3*	17/12	33/2	Hom	3' UTR	--	--	0.122	16.23	None
DLPS2	chrX	47329607	rs1043428	C/T	*TIMP1*	25/16	35/3	Hom	Exonic	p.P87P	Silent	0.202	--	None
DLPS2	chrX	12903207	rs41311479	C/T	*TMSB4X*	27/9	6/19	Het	Splicing	--	Splice-site	0.053	--	None
DLPS2	chr17	20844368	rs1044420	T/C	*USP22*	8/8	0/18	Hom	3' UTR	--	--	0.120	1.06	None
DLPS1	chr19	21480335	rs73017722	C/T	*ZNF429*	6/10	16/1	Hom	5' UTR	--	--	0.125	2.79	None

[a] Actual read counts in tumor underestimated in the presence of genomic amplification due to de-duplication during mutation detection

[b] Ratio of tumor to normal, inferred from segmentation of whole genome sequencing data

Table S6: Adenosine-to-inosine RNA editing events.

Gene	Edit	Context	Type	Sample(s)	Coverage in RNA sequencing	Reads from exome calling reference allele	Reads from exome calling alternative allele
KHDRBS1	chr1:32269716A>G	Exonic	Missense	N1	10	17	0
CYR61	chr1:85821301A>G	Exonic	Synonymous	N1,DLPS1,N2,DLPS2	22,17,17,6	61,73,43,63	0,2,0,0
IFI16	chr1:157251342A>G	Exonic	Missense	N1,N2	11,12	35,23	0,0
PRDX6	chr1:171722133A>G	Exonic	Synonymous	N1,N2,DLPS2	22,19,7	48,17,31	0,0,0
EDARADD	chr1:234713081A>G	3' UTR	--	N1	7	27	0
EDARADD	chr1:234713553A>G	3' UTR	--	N1	6	64	1
FAHD2B	chr2:97119785A>G	Exonic	Synonymous	N1,DLPS2	14,6	24,20	0,0
XRCC5	chr2:216721170A>G	Exonic	Synonymous	N1,DLPS1	15,13	20,32	0,0
HDLBP	chr2:241817707A>G	Exonic	Synonymous	N1	6	41	0
LMCD1	chr3:8553874A>G	Exonic	Synonymous	N1	9	15	0
FLNB	chr3:58116831A>G	Exonic	Missense	N1,DLPS1,N2,DLPS2	21,8,19,7	55,33,42,52	0,0,1,0
LOC401127	chr4:39159008A>G	ncRNA	--	N1	7	68	0
FRG1	chr4:191121250A>G	Exonic	Missense	DLPS2	16	17	0
PARP8	chr5:49999669A>G	Exonic	Synonymous	N1	5	99	0
PFDN6	chr6:33366203A>G	Exonic	Synonymous	N1,N2	12,5	41,28	0,0
LYPLA2P1	chr6:33441922A>G	ncRNA	--	N1,DLPS1,N2	11,7,5	49,27,16	0,0,0
DDX43	chr6:74174489A>G	Exonic	Missense	N1	7	53	0
FAM26F	chr6:116891436A>G	Exonic	Missense	N1,N2,DLPS2	7,7,11	28,29,38	0,0,0
TWIST1	chr7:19123032A>G	Exonic	Synonymous	N1,DLPS1,N2,DLPS2	17,8,10,15	65,48,28,56	2,0,1,0
GARS	chr7:30623275A>G	Exonic	Synonymous	N1	13	53	1
CCT6A	chr7:56091599A>G	Exonic	Synonymous	N1	5	40	0
CHCHD7	chr8:57291597A>G	Exonic	Missense	N2	9	14	0
EDF1	chr9:138876593A>G	Exonic	Synonymous	N2	33	42	0
GRK5	chr10:121197635A>G	Exonic	Missense	N2	7	17	0
PDHX	chr11:34944774A>G	Exonic	Missense	N1	8	20	0
NDUFS3	chr11:47560522A>G	Exonic	Missense	N2	8	36	1
OTUB1	chr11:63521590A>G	Exonic	Missense	N1	5	31	0
RPL6	chr12:111328177A>G	Exonic	Missense	N1	6	62	0
ZNF84	chr12:132144951A>G	Exonic	Missense	N1	9	44	1
IPO5	chr13:97464448A>G	Exonic	Synonymous	N1,N2	6,8	53,25	0,0
RPL36AL	chr14:49155239A>G	3' UTR	--	DLPS1	8	37	0
SYNE2	chr14:63758048A>G	Exonic;splicing	Missense	N1,DLPS1,N2,DLPS2	19,8,12,7	37,28,19,30	0,0,0,0
ZBTB1	chr14:64059472A>G	Exonic	Synonymous	N1	14	57	2
MARK3	chr14:103002522A>G	Exonic	Synonymous	N1	7	14	0
SNX1	chr15:62215643A>G	Exonic	Missense	DLPS2	12	43	1
SNX33	chr15:73729965A>G	Exonic	Synonymous	N1	6	24	0
CLUAP1	chr16:3516456A>G	Exonic	Missense	DLPS2	6	36	0
C16orf62	chr16:19619287A>G	Exonic	Synonymous	DLPS1	16	73	1
CES8	chr16:65600571A>G	3' UTR	--	N1	9	20	0
SUZ12	chr17:27327659A>G	Exonic	Missense	N1	6	22	0
ZNF207	chr17:27720910A>G	3' UTR	--	N1,DLPS1,N2	8,5,7	51,26,43	0,0,0
C17orf71	chr17:54645427A>G	Exonic	Missense	N1,DLPS2	6,5	146,126	0,0
EXOC7	chr17:71591929A>G	Exonic	Missense	N1,DLPS1	14,6	64,80	2,1
RNF213	chr17:75972237A>G	Exonic	Missense	N2	5	54	0
TUBB6	chr18:12300948A>G	Exonic	Missense	N1,N2	22,18	26,18	0,0
DHPS	chr19:12651285A>G	Exonic	Missense	N1	7	46	0
TRIM28	chr19:63753327A>G	Exonic;splicing	Missense	N1,DLPS1,N2,DLPS2	41,13,30,18	45,38,18,32	0,0,0,1
ZNF343	chr20:2411997A>G	Exonic	Missense	N1	7	102	0
SAMHD1	chr20:34981294A>G	Exonic	Missense	N1	5	17	0
MX1	chr21:41739914A>G	Exonic	Missense	DLPS2	9	23	0
EGFL6	chrX:13545986A>G	Exonic	Missense	DLPS1	6	13	0
TTC3L	chrX:74878249A>G	ncRNA	--	N1	7	26	0

Table S7: Primers used for mutation and methylation validation.

Experiment	Target	Primer	Sequence
Bisulfite	*CEBPA*	Ver1_peak_position	ATCTTCCCTCACCTAT (F:AGTTTTGGGAGTTTTTAAGTGT, R:CCTTACCAAACCTAAAACCACTATC)
Bisulfite	*CEBPA*	Ver2_upstream	GATAGTGGTTTTAGGTTTG (F:TGTTTATAGGTGAGGGAAGATTT, R:ACCCAAATAAAACTACTTCTTTAC)
Bisulfite	miR-193b	S1	GTATTTTGGTGAGATGAAT (F:CAGATTTTTTGGTATTTTGGTGAGATGAA, R:TTCCCAAAAAATAAATCCCCATTCA)
Bisulfite	miR-193b	S3	GATGGGGTGGGGGGAATTGTA (F:GGGAGTGGTTTTTTTAGAATTTAGAG, R:CCTCCCCAAACAATCACCAATC)
Mutation validation (discovery)	*ABCG2*	591350_L_6927793_chr4_89232282	AAACAATTGCTGCTGTGCAA
Mutation validation (discovery)	*ABCG2*	591350_R_6927794_chr4_89232606	TGACGGATGCTAGGAATGAA
Mutation validation (discovery)	*AHNAK*	602954_L_1613151_chr11_62041767	GATTTTTGGGCCCTTCAAGT
Mutation validation (discovery)	*AHNAK*	602954_R_1613152_chr11_62042096	AAGGACCAAAAGTGAAAGGGA
Mutation validation (discovery)	*ATF6B*	728939_L_7637027_chr6_32201780	TGCACTTCCCCTCCATCTAC
Mutation validation (discovery)	*ATF6B*	728939_R_7637028_chr6_32202096	AAAGCTTTTGTTCTCGCTCTT
Mutation validation (discovery)	*CADM2*	110359_L_6428217_chr3_86015027	TGGCCAAAGAAAACATTTATTG
Mutation validation (discovery)	*CADM2*	110359_R_6428218_chr3_86015365	TTTTTGTATTGAATTATGTTGCTG
Mutation validation (discovery)	*CSPG4*	732758_L_3171181_chr15_73764830	CCTCCAGCTCCACAAGGAC
Mutation validation (discovery)	*CSPG4*	732758_R_3171182_chr15_73765163	ACAGTGGACCCCTCTGAGAC
Mutation validation (discovery)	*DAZAP2*	161490_L_2122907_chr12_49922297	TCCTAACAGGCCTCTGCTTC
Mutation validation (discovery)	*DAZAP2*	161490_R_2122908_chr12_49922639	CACCAGAAAGACACCCCAAC
Mutation validation (discovery)	*HDAC1*	250269_L_212655_chr1_32570795	GTAGTGTTGGGGAAGGGGTC
Mutation validation (discovery)	*HDAC1*	250269_R_212656_chr1_32571013	TTTCCTCAGAGTGGTGGGAC
Mutation validation (discovery)	*HYDIN*	846524_L_3583829_chr16_69778082	TTCTGAGAATGCCAAGTAGCAA
Mutation validation (discovery)	*HYDIN*	846524_R_3583830_chr16_69778418	AAACCTTCCTGTATTTGAAAAAGC
Mutation validation (discovery)	*HYOU1*	846816_L_1849901_chr11_118424532	ACTTGAGACTCTGGGTCCGA
Mutation validation (discovery)	*HYOU1*	846816_R_1849902_chr11_118424865	TGGAGAATGTAGGAGGGCAG
Mutation validation (discovery)	*MAP3K4*	330140_L_7978811_chr6_161458124	TACTGTACACGGACCATCGC
Mutation validation (discovery)	*MAP3K4*	330140_R_7978812_chr6_161458450	TGCGTTGGCTCATAAGTGTT
Mutation validation (discovery)	*MAPKAP1*	913725_L_9069125_chr9_127387559	CAGGCCAATGCCTAGAAAGA
Mutation validation (discovery)	*MAPKAP1*	913725_R_9069126_chr9_127387893	GGAGAGCAGTGGGGTCTGTA
Mutation validation (discovery)	*MLK4*	297577_L_929221_chr1_231581393	CTCTTGGGAAAGATGCTCAGA
Mutation validation (discovery)	*MLK4*	297577_R_929222_chr1_231581694	CTTCTGCGGGACTTGGAA
Mutation validation (discovery)	*MLK4*	297577_L_929221_chr1_231581393	CTCTTGGGAAAGATGCTCAGA
Mutation validation (discovery)	*MLK4*	297577_R_929222_chr1_231581694	CTTCTGCGGGACTTGGAA
Mutation validation (discovery)	*PDE4DIP*	976531_L_530961_chr1_143727125	GGACCAATCCATGGGTCATA
Mutation validation (discovery)	*PDE4DIP*	976531_R_530962_chr1_143727456	TGAATTCTGCTGGAATGTGC
Mutation validation (discovery)	*PTCHD1*	433314_L_9232803_chrX_23320659	ATGCAGACTCCATGCTCTCC
Mutation validation (discovery)	*PTCHD1*	433314_R_9232804_chrX_23320991	GTAAGTGTTCGCTTCCTCGC
Mutation validation (discovery)	*PTPN9*	1007867_L_3169683_chr15_73569537	AAGCTTCACTTTGGAAGAAGC
Mutation validation (discovery)	*PTPN9*	1007867_R_3169684_chr15_73569785	GACACCCCTTTAGCATGGTC
Mutation validation (discovery)	*RAB11FIP2*	1012246_L_1331625_chr10_119754479	TCATGCATCAGATTACATAAATTATAC
Mutation validation (discovery)	*RAB11FIP2*	1012246_R_1331626_chr10_119754814	AGAGTTGATGTTTCATTCCATTTG
Mutation validation (discovery)	*SACS*	1035522_L_2438979_chr13_22827703	TTATAGAATTCGGCCGCTCA
Mutation validation (discovery)	*SACS*	1035522_R_2438980_chr13_22828016	CAGTTTGCACCATTTGTTGG
Mutation validation (discovery)	*TBX4*	512410_L_4043977_chr17_56915101	GGTGGGGGAGGATCACTATT
Mutation validation (discovery)	*TBX4*	512410_R_4043978_chr17_56915436	TAAAGTGGGCATTTCCTGGT
Mutation validation (discovery)	*TEX11*	1091365_L_9341107_chrX_69989723	CAGACTCTGGAAAATAAACCCA
Mutation validation (discovery)	*TEX11*	1091365_R_9341108_chrX_69989980	TTTTCTCCAATATTCCCCCA
Mutation validation (discovery)	*XIRP2*	136877_L_5254457_chr2_167814621	CCATCAATGATTGGTCGAA
Mutation validation (discovery)	*XIRP2*	136877_R_5254458_chr2_167814949	GGGATTCTTTCACAGAGGAAAA
Mutations (prevalence)	*DAZAP2*	96560_L_11839416_chr12_49918476	TGAATGCGTGTAGGTGGAAA
Mutations (prevalence)	*DAZAP2*	96560_R_11839417_chr12_49919557	GCCGTAATTTGGGTATGACG
Mutations (prevalence)	*DAZAP2*	96561_L_14129918_chr12_49920065	GCCCAGGTAGACTTAACCCC
Mutations (prevalence)	*DAZAP2*	96561_R_14129919_chr12_49921250	GCTCACAGAACGCAAATTCA
Mutations (prevalence)	*DAZAP2*	96562_L_14309830_chr12_49920723	TGAATTTGCGTTCTGTGAGC
Mutations (prevalence)	*DAZAP2*	96562_R_14309831_chr12_49922044	GCAGGACTCGACAGACATGA
Mutations (prevalence)	*DAZAP2*	96563_L_chr12_49922317_notail	CCCTATGTCCCCTTCGCTTA
Mutations (prevalence)	*DAZAP2*	96563_R_chr12_49922859_notail	GATCAAAGTTCCCTCCAAACC
Mutations (prevalence)	*HDAC1*	151511_L_12860342_chr1_32529886	GATCTCCAAGCACGCTTTTC
Mutations (prevalence)	*HDAC1*	151511_R_12860343_chr1_32531261	CACCCTCCCCTCTAGGAGTC
Mutations (prevalence)	*HDAC1*	151512_L_13052732_chr1_32540456	CCCCAGTAGCTTTGGAATGA
Mutations (prevalence)	*HDAC1*	151512_R_13052733_chr1_32541327	AATGAATGGCATATGGGGAA
Mutations (prevalence)	*HDAC1*	151513_L_chr1_32554749_notail	AGCACCTAGCTCCATGCTG
Mutations (prevalence)	*HDAC1*	151513_R_chr1_32555087_notail	TAGGGGAAATCAGGTGTCCA
Mutations (prevalence)	*HDAC1*	151514_L_chr1_32562156_notail	TGGGTGAGGTGGGATATCAG
Mutations (prevalence)	*HDAC1*	151514_R_chr1_32563201_notail	GGACTGAACCAGAGGGACAT
Mutations (prevalence)	*HDAC1*	151515_L_14504910_chr1_32565012	CTGCTGAAGTAGGGTGGGAG
Mutations (prevalence)	*HDAC1*	151515_R_14504911_chr1_32565625	CTTCCAAGAGACAAGGCCAG
Mutations (prevalence)	*HDAC1*	151516_L_chr1_32565594_notail	CCAGTTTCCACGTCTCTGGT
Mutations (prevalence)	*HDAC1*	151516_R_chr1_32565970_notail	ATTGGCAGAAGAGGCAAGAA
Mutations (prevalence)	*HDAC1*	151517_L_13010542_chr1_32566807	CTTCTGTGACTCACCTGCCA
Mutations (prevalence)	*HDAC1*	151517_R_13010543_chr1_32567908	ACTGACCACACAGCAATCCA
Mutations (prevalence)	*HDAC1*	151520_L_12182232_chr1_32568120	TTCAAAGGGAGCCTTGAATG
Mutations (prevalence)	*HDAC1*	151520_R_12182233_chr1_32569451	TGAAGCAACCTAACCGATCC
Mutations (prevalence)	*HDAC1*	151521_L_14515800_chr1_32568362	GCTTGGGCAACAGAAGAGAC
Mutations (prevalence)	*HDAC1*	151521_R_14515801_chr1_32569155	ACCCATCCTTGTGCTACCTG
Mutations (prevalence)	*HDAC1*	151522_L_13430176_chr1_32568571	TGGAAAGGTAGGAGTGGGTG
Mutations (prevalence)	*HDAC1*	151522_R_13430177_chr1_32569982	CCCTTCACTCGCTACTCCAG
Mutations (prevalence)	*HDAC1*	151525_L_12416002_chr1_32569277	CTGGAGTAGCGAGTGAAGGG
Mutations (prevalence)	*HDAC1*	151525_R_12416003_chr1_32570152	GGGACAAACCAAAGTCAGGA
Mutations (prevalence)	*HDAC1*	151526_L_13636682_chr1_32569379	CTCACAGTGTCTTGGAGGCA
Mutations (prevalence)	*HDAC1*	151526_R_13636683_chr1_32570678	CCAAGAGACACCAAGGGAAA
Mutations (prevalence)	*HDAC1*	151528_L_15047560_chr1_32570265	TTTCCCTTGGTGTCTCTTGG
Mutations (prevalence)	*HDAC1*	151528_R_15047561_chr1_32571036	CTTCTGGGAGCCACTGAAAG
Mutations (prevalence)	*HDAC1*	151530_L_chr1_32570805_notail	GGAAGGGGTCTCAGGGTAAA
Mutations (prevalence)	*HDAC1*	151530_R_chr1_32571017_notail	GTGCCTTTCCTCAGAGTGGT
Mutations (prevalence)	*HDAC1*	151534_L_chr1_32571140_notail	GTCTGCACTTTTGCCCTGAG
Mutations (prevalence)	*HDAC1*	151534_R_chr1_32571671_notail	CCAGTGGGAAGGTACGAAAA
Mutations (prevalence)	*MAPKAP1*	554913_L_14796920_chr9_127474281	TCGCAGAGATGGAGATGTTG
Mutations (prevalence)	*MAPKAP1*	554913_R_14796921_chr9_127475688	TGCAAGCCTTCCTTTCTGAT
Mutations (prevalence)	*MAPKAP1*	554917_L_chr9_127471817_notail	AAGTCCAGAGGATTTAAAAGGATG
Mutations (prevalence)	*MAPKAP1*	554917_R_chr9_127472067_notail	TGTCTTTGTTTATGGTAAACTTTCA
Mutations (prevalence)	*MAPKAP1*	554922_L_chr9_127459689_notail	CCAACAACAACTCCACTCAA
Mutations (prevalence)	*MAPKAP1*	554922_R_chr9_127460029_notail	CTGCATGTATCCGACCTGAA
Mutations (prevalence)	*MAPKAP1*	554928_L_15384830_chr9_127387604	CAGAGCTGGATCAGTGCAGA
Mutations (prevalence)	*MAPKAP1*	554928_R_15384831_chr9_127388251	TAACTGGCAGTGTGCTTTGC
Mutations (prevalence)	*MAPKAP1*	554934_L_14664410_chr9_127361554	TAGCCTAGGTGCAGAGGCAT
Mutations (prevalence)	*MAPKAP1*	554934_R_14664411_chr9_127362429	TCCTCAATTTGCTTGCTGTG
Mutations (prevalence)	*MAPKAP1*	554940_L_14683910_chr9_127344950	CTTCTCACATATGCCGCTGA
Mutations (prevalence)	*MAPKAP1*	554940_R_14683911_chr9_127345629	TCTGGATGAATGTTGGTGATG
Mutations (prevalence)	*MAPKAP1*	554946_L_12445782_chr9_127323267	TCCTGTCACTATGCAGCCAG
Mutations (prevalence)	*MAPKAP1*	554946_R_12445783_chr9_127324550	GGCTCTAAGCTTGCTCTCCA
Mutations (prevalence)	*MAPKAP1*	554947_L_15376758_chr9_127308205	AGGATGCAGCCTCTCTACCA
Mutations (prevalence)	*MAPKAP1*	554947_R_15376759_chr9_127308880	CGCTGTTTCAGACTTCCTCC
Mutations (prevalence)	*MAPKAP1*	554951_L_chr9_127286482_notail	CCCCATTTCTACACCGACTG
Mutations (prevalence)	*MAPKAP1*	554951_R_chr9_127286736_notail	CATTTGCCAAGCCTCATGTA
Mutations (prevalence)	*MAPKAP1*	554955_L_11915202_chr9_127269939	GGCACCATAATACAATCCCG
Mutations (prevalence)	*MAPKAP1*	554955_R_11915203_chr9_127270878	TTGTGTGTGCCATTTGGAGT
Mutations (prevalence)	*MAPKAP1*	554960_L_12983932_chr9_127246336	GGTCCTGCTTTGACTGAAGC
Mutations (prevalence)	*MAPKAP1*	554960_R_12983933_chr9_127247029	ACCAGAACCCCTCAACACAG
Mutations (prevalence)	*MAPKAP1*	554969_L_14804710_chr9_127241016	GTGGACTCTAGGGCACTTGG
Mutations (prevalence)	*MAPKAP1*	554969_R_14804711_chr9_127241679	CAGGTTGCTGTGATGACTGG
Mutations (prevalence)	*PTPN9*	613219_L_12822996_chr15_73657675	CTGCAAATCTCGGGAAGAAG
Mutations (prevalence)	*PTPN9*	613219_R_12822997_chr15_73659094	CTCCCGGCTCTAAAAGTTCC
Mutations (prevalence)	*PTPN9*	613221_L_14281290_chr15_73606201	CTGTCAGGCTACTTCCTCCG
Mutations (prevalence)	*PTPN9*	613221_R_14281291_chr15_73607168	CAGACTTGCTTGGAGAAGGG
Mutations (prevalence)	*PTPN9*	613222_L_chr15_73603534_notail	AAAGTCCAAACAGGACACCAG
Mutations (prevalence)	*PTPN9*	613222_R_chr15_73603769_notail	TTTGGTGGTTACATGGTGCT
Mutations (prevalence)	*PTPN9*	613223_L_13691692_chr15_73602326	TAAAGAGAACGCCCACCATC
Mutations (prevalence)	*PTPN9*	613223_R_13691693_chr15_73603541	CCATTCTGCCAGGGAAGTTA
Mutations (prevalence)	*PTPN9*	613224_L_12717072_chr15_73596448	TTTTTACCCGAATTCCTCCC
Mutations (prevalence)	*PTPN9*	613224_R_12717073_chr15_73597291	GTGTGCAGTCAGGCAGTTGT
Mutations (prevalence)	*PTPN9*	613225_L_12173436_chr15_73588310	CTAGAAGACACGCCAGGAGG
Mutations (prevalence)	*PTPN9*	613225_R_12173437_chr15_73588863	GGGGAGAAGAGCAGAAAACC
Mutations (prevalence)	*PTPN9*	613226_L_14429674_chr15_73585092	CTAAGCAAGTGAGGGGTGGA
Mutations (prevalence)	*PTPN9*	613226_R_14429675_chr15_73586085	CCCATCCTCCAAACCTGATA
Mutations (prevalence)	*PTPN9*	613227_L_14590474_chr15_73569135	ACTCACCAAAGGAATTGCAC
Mutations (prevalence)	*PTPN9*	613227_R_14590475_chr15_73570178	CCATGTCTCCACCCCTAAGA
Mutations (prevalence)	*PTPN9*	613228_L_15230628_chr15_73558693	TCTCTGGGAAGTCCACTGCT
Mutations (prevalence)	*PTPN9*	613228_R_15230629_chr15_73559812	CTGGCCATTTCACTCCTCAT
Mutations (prevalence)	*PTPN9*	613229_L_15302438_chr15_73553072	CCAGGCTGACCCTCATTATT
Mutations (prevalence)	*PTPN9*	613229_R_15302439_chr15_73553677	AGCAGGGATGTGGAAAGATG
Mutations (prevalence)	*PTPN9*	613230_L_14038140_chr15_73549917	TCGTGCTGCAGTAATATGGC
Mutations (prevalence)	*PTPN9*	613230_R_14038141_chr15_73550740	AGATGATATTGCTGCCTGGG
Mutations (prevalence)	*PTPN9*	613231_L_12283452_chr15_73549029	ATTCTGGCCATCACTTGGTC
Mutations (prevalence)	*PTPN9*	613231_R_12283453_chr15_73549894	AAGCCAGAGGTAGCTAGGGG
Mutations (prevalence)	*PTPN9*	613236_L_13451902_chr15_73547499	GGACTGGAATACACGCCCTA
Mutations (prevalence)	*PTPN9*	613236_R_13451903_chr15_73549046	CATTCAGTTCTGCCTGGGTT
Gene fusions	*RCOR1-WDR70*	1F/R	F:ACCCCAGTACCAGGCGGTGG, R:CCCCTCCCACTCATGCAAACAGC
Gene fusions	*CNOT2-ASTN2*	2F/R	F:GGTCAGCTGTCTCAGTTTGGGGC, R:ACAGGCCGTCCTCAGGGTCA
Gene fusions	*FGGY-RTN1*	3F/R	F:TCAGCAGAGAAAGGCTGGGACGA, R:CCTCGTCCTGAGTGGGGGCT
Gene fusions	*CTDSP2-FAM19A2*	4F/R	F:GTCCGGGGAGGAAACGAGAGGG, R:TCGCCTCTCTCTCCCAACAGC
Gene fusions	*NR6A1-TRHDE*	5F/R	F:TACCGTACGGACCTCCGGCCT, R:TCGGTGTGCAGAAGGGTGGTG
Gene fusions	*NUP107-PAPPA*	6F/R	F:TCCGGGTGATGGTGGACAGTCT, R:CAAGACCAGCAATGCCCAGGCT
Gene fusions	*BAZ2A-PTPRR*	7F/R	F:ACTCCGTCGTCCACGTCCCC, R:AGACAGGGTAAAAGCTCCGAGGAA