

Source	Sample (E-embryo)	Embryo/biopsy	Rearrangement	PGT type	Sequenced Read CNV filter	Hi-C filter	Parents with SV	Parents karyotype	Coefficient of Va	Unmapped	Unmapped (% of Alignable (Norm Alignable (Norm Unique Reads	Unique Reads (% PCR Duplicates	PCR Duplicates (% Optical Duplicates	Optical Duplicates	Optical Duplicates	DE	Cis/all (FF and RR orient)				
Tomsk	38a12_e8	Embryo	arr(18)*3,(21)*1,(X,Y)*1	aCGH	968895	1	0	1	46,X,Y(18;21)(q21;q21.0.1061506905862	91433	9.44%	865286	89.30%	757671	78.19%	107548	11.10%	67	0.01%	98%	54.90%
Tomsk	5Sachk3_e8	Embryo	arr[GRCh37](9p24.3p11.2)*1[0.3](9q22.2q34.3)*1[0.3](10)*3[0.3](X,Y)*1	aCGH	870344	1	0	0	1.3388698600049	331176	38.05%	525746	60.41%	399009	45.84%	126691	14.56%	46	0.01%	97%	47.10%
Tomsk	Ba11_e8	Embryo	arr(16)*3,(21)*2,*3,(X,Y)*1	PGT-SNP	2494535	1	0	1	46,X,Y(18;21)(q20.779851744142	411264	16.49%	2056463	82.44%	1477477	59.23%	567676	22.76%	11310	0.45%	90%	74.90%
Tomsk	Ba13_e	Embryo	arr[GRCh37](18p11.32p11.21)*3,(18q11.1q22.1)*3,(18q22.1q23)*1,(21q11.2q21.3)*1,(21q21.3q22.3)*3,(22)*1,(X,Y)*1	aCGH	1541642	1	0	1	46,X,Y(18;21)(q20.921503264847	249437	16.18%	1215223	78.83%	1129690	73.28%	85320	5.53%	213	0.01%	87%	75.80%
ICRM	BOC_e1	Embryo	seq(21)*3	NGS	17800507	1	1	1	45,XX,der(14;21)0.517257153520	514597	2.89%	15314287	86.03%	5270684	32.14%	9466324	53.18%	127279	0.72%	30%	83.10%
ICRM	Boc_e4	Embryo	seq(12)*1	NGS	3552525	1	1	1	45,XX,der(14;21)0.573625098023	33375	0.94%	3168228	89.18%	2382724	67.07%	0	0.00%	785504	22.11%	36%	82.10%
ICRM	BTR_e3	Embryo	arr(3q25.32q29)x1,(11)x3,(16q22.2q24.3)x3	aCGH	24976017	1	1	1	46,X,Y(3;16)(q25.0.447660853716	815370	3.26%	23103555	92.50%	9187654	36.79%	4702998	18.83%	9212903	36.89%	51%	65.00%
ICRM	BTR_e9	Embryo	arr(3q25.32q29)x3,(16q22.2q24.3)x1,(22)x3	aCGH	1422899	1	0	1	46,X,Y(3;16)(q25.0.843045229500	63834	4.49%	1313744	92.33%	1166018	81.95%	147726	10.38%	0	0.00%	53%	20.20%
ICRM	CHR_e1	Embryo	seq(9q12q34.3)x3[0.4](19)x3	NGS	15495647	1	1	1	46,XX,inv(6)(p21)0.438342024634	429295	2.77%	13152994	84.88%	6625051	42.75%	6392126	41.25%	135817	0.88%	30%	66.60%
Tomsk	embryo06	Embryo	Euploid embryo	aCGH	15200773	1	1	0	0.476583852311	1035787	6.81%	12964003	85.29%	6288654	41.37%	1980192	13.03%	4695157	30.89%	41%	82.20%
Tomsk	Fed1_e	Embryo	seq(18)*3	NGS	4848353	1	1	1	46,X,Y(1;2)(p32.1.330144833831	286519	5.91%	4443997	91.66%	1122213	23.15%	0	0.00%	3321784	68.51%	72%	90.60%
Tomsk	Gr12_e	Embryo	arr(13)*1,(X)*2	aCGH	3551656	1	1	0	0.611455872647	142271	4.01%	3126008	88.02%	2983814	84.01%	141643	3.99%	551	0.02%	65%	85.50%
ICRM	HAN_e5	Embryo	arr(XY)x1,(4,22)x3	aCGH	17721293	1	1	1	46,X,X(2)(q13);0.583772557482	2164452	12.21%	14313024	80.77%	5334076	30.10%	2341158	13.21%	6637790	37.46%	50%	74.40%
Tomsk	Isa1_e	Embryo	arr(14)*1,(20,22)*3,(X,Y)*1	aCGH	962502	1	0	0	0.976341473965	156536	16.26%	788239	81.89%	623971	64.83%	155040	16.11%	9228	0.96%	85%	57.70%
Tomsk	Ka1_e	Embryo	arr(21,22)*3,(X)*2	aCGH	1431201	1	0	0	0.846989078138	168649	11.78%	1185132	82.81%	1110367	77.58%	74558	5.21%	207	0.01%	80%	66.80%
Tomsk	Kov1_e	Embryo	arr[hg19](1.8)*3,(2p25.1-p21)*3,(X,Y)*1	aCGH	2345501	1	0	1	транслокация t(8;13)(p11;p11)	223764	9.54%	2015322	85.92%	1870899	79.77%	144150	6.15%	273	0.01%	85%	90.90%
Tomsk	Kov2_e	Embryo	arr(21)*3,(20)*1,(X)*2	aCGH	1195481	1	1	1	транслокация t(8;13)(p11;p11)	113824	9.52%	1063225	88.94%	843967	70.60%	203394	17.01%	15864	1.33%	77%	88.70%
Tomsk	Kra_e	Embryo	arr(5,15)*3[0.4](3,4,7,13)*1[0.3](X)*0,(Y)*1	aCGH	18296185	1	1	0	0.405548378868	1084489	5.93%	15909520	86.96%	12090104	66.08%	3678222	20.10%	141194	0.77%	52%	81.60%
Tomsk	Kra1_e	Embryo	arr(7,11,16)*1[0.5](3,10)*3[0.4-0.5](X,Y)*1	aCGH	3882489	1	1	0	0.551415834418	184170	4.74%	3361325	86.58%	2938143	75.68%	403886	10.40%	19296	0.50%	53%	83.50%
Tomsk	Kur3_e	Embryo	arr(11,12,17,22)*3,(16)*1,(X)*2	PGT-SNP	3589752	1	1	0	0.605451803974	153640	4.28%	3172220	88.37%	3038932	84.66%	132738	3.70%	550	0.02%	67%	88.70%
ICRM	MAD_e3	Embryo	arr(XY)x1,(2)x1	aCGH	11439518	1	1	1	46,X,inv(Y)(p11.1)0.613287616996	1619000	14.15%	8772282	76.68%	4006830	35.03%	1759983	15.39%	3005469	26.27%	46%	56.70%
Tomsk	Ore1_e27	Embryo	arr(14)*3[0.3](16)*1,(X,Y)*1	aCGH	6489940	1	1	1	45,X,Y,rob(13;14)1.141590958707	648360	7.63%	7187448	84.56%	881001	10.36%	6298098	74.10%	8349	0.10%	37%	59.40%
ICRM	Pash_e3	Embryo	seq(2.3q32.3q37.3)x1,(6q13q27)x3	NGS	29178981	1	1	1	46,XX,t(2;6)(q33);0.466969923040	1066542	3.66%	26109426	89.48%	10788457	36.97%	3627998	12.43%	11692971	40.07%	41%	84.70%
Tomsk	Sav4_e	Embryo	arr(16,22)*3,(X,Y)*2	aCGH	9271911	1	0	0	0.604300734574	4214052	45.41%	5041384	54.37%	3572697	38.53%	1434572	15.47%	34115	0.37%	99%	79.50%
Tomsk	Sav4_e8	Embryo	arr(16,22)*3,(X,Y)*2	aCGH	714477	1	0	0	1.207572529738	234952	32.88%	4464607	65.03%	404988	56.68%	59568	8.34%	51	0.01%	84%	86.40%
Tomsk	Shen1_e	Embryo	arr(18)*2,*3,(13)*1,*2,(X,Y)*1	aCGH	3652680	1	1	0	0.596723708901	153615	4.21%	3226867	88.34%	3047205	83.42%	179226	4.91%	436	0.01%	67%	80.40%
Tomsk	Shen1_e	Embryo	arr(2)*3,(X)*2	PGT-SNP	1768666	1	1	0	0.739461520408	115904	6.55%	1610926	91.08%	1215624	68.73%	360507	20.87%	26245	1.48%	65%	88.50%
Tomsk	Shen2_e	Embryo	arr[hg38](11q13.2q25)*1,(X,Y)*1	PGT-SNP	1977178	1	1	0	0.458079822014	362083	3.71%	8990223	92.00%	787266	1077046	11.02%	35911	0.37%	50%	89.00%	
Tomsk	Shen3_e	Embryo	arr(14)*3,(21)*1,(X,Y)*1	PGT-SNP	5970631	1	0	0	0.595447098047	2467823	15.45%	12572459	78.72%	4599706	28.80%	7910148	49.53%	62605	0.39%	77%	12.10%
Tomsk	Ton1_e	Embryo	arr(1-22,X)*2	aCGH	1219277	1	1	0	0.767134788863	72090	5.91%	1096970	86.7042	71.11%	200100	17.15%	20828	1.71%	50%	80.60%	
Tomsk	Vla1_e	Embryo	arr[hg38](6p25.3q16.1)*3,(18q22.3)*1	PGT-SNP	5661042	1	1	1	46,X,Y,t(6;18;21)(q10;q20;q21.0.76032319959	234203	4.14%	5056140	89.31%	2204857	38.95%	0	0.00%	2851283	50.37%	36%	82.10%
ICRM	XAH_e13	Embryo	arr(7p22.3q11.21)x1,(15q21.3q33.3)x3	aCGH	18765510	1	1	0	46,XX,t(7;9)(q11.0.459052598622	368086	1.96%	16220426	86.44%	7684773	40.95%	8379068	44.65%	156585	0.83%	31%	86.40%
ICRM	YAK_e4	Embryo	arr(11p15.5p14.3)x1	aCGH	19624600	1	1	1	46,X,inv(X)(p11.2)0.477285643892	1145919	5.84%	16987294	86.56%	7133730	36.35%	2516913	12.83%	733651	37.38%	41%	71.10%
ICRM	Zap_e2	Embryo	arr(4q32.1q35.2)*2,*3,(X)*2	aCGH	8061847	1	1	0	46,XX,t(2;17)(p10.10.913485670867	129036	1.60%	7106077	88.14%	1208235	14.99%	0	0.00%	5897842	73.16%	33%	62.80%
ICRM	Zap_e3	Embryo	arr(3p22.2q29)x1,(6p21.2q27)x3	aCGH	3213467	1	1	1	46,XX,t(2;17)(p10.10.65890552324	16376	0.51%	2934285	91.31%	1964517	61.13%	0	0.00%	969768	30.18%	38%	82.50%
Fomina	6069_1_K	Biopsy	seq[GRCh37](11p11.1.12q12.2)x3,(18x1),(22)x3	NGS	8628551	1	0	0	1.021483383782	540531	6.26%	7302905	84.64%	1564034	19.17%	0	0.00%	5648871	65.47%	36%	47.90%
Fomina	6069_plus	Biopsy	seq[GRCh37](3p36.3p13.2)x1,(1p13.2q21.1)x3,(22)x3	NGS	16055725	1	0	0	0.420207325416	141237	0.88%	13848234	86.25%	5137453	32.00%	0	0.00%	8710781	54.25%	75%	14.60%
Fomina	8388_1_K	Biopsy	seq[GRCh37](15q25.1q26.3)x3,(20p13p11.1)x1,(22)x1	NGS	1391139	1	1	1	46,X,Y(15;20)(q20.788059786271	54225	3.90%	1197786	86.10%	944095	67.86%	246761	17.74%	6930	0.50%	36%	81.80%
Fomina	8388_3_K	Biopsy	seq[GRCh37](15q25.1q26.3)x3,(20p13p11.1)x1	NGS	5678140	1	1	1	46,X,Y(15;20)(q20.659118209168	74900	1.32%	5137619	90.48%	2518424	44.35%	0	0.00%	2619195	46.13%	40%	78.10%
Tomsk	Aks_K	Biopsy	arr[GRCh37](5p15.3p15.32)x1,(13q31.1q34)*3,(x,y)x1	aCGH	3368772	1	1	0	46,X,Y(5;13)(p15.0.693888280500	216213	6.42%	2943972	87.39%	1491279	44.27%	122794	3.65%	1328999	39.48%	66%	77.60%
Tomsk	Aks1_K	Biopsy	arr(7)*1,*2,(19)*1,*2,(20)*1,*2,(X,Y)*1	PGT-SNP	9726175	1	0	1	46,X,Y(5;13)(p15.0.897009511688	4496336	46.23%	5211207	53.58%	1908001	19.62%	3274743	33.67%	28463	0.29%	94%	70.10%
Tomsk	Bag3_K	Biopsy	arr(1-22)*2,(X)*0[0.3],(Y)*1	aCGH	6058072	1	1	0	1.235509110879	767106	12.66%	4808370	79.37%	632134	10.43%	4171642	68.86%	4594	0.08%	36%	84.80%
Tomsk	Ba11_K	Biopsy	arr(16)*3,(21)*2,*3,(X,Y)*1	PGT-SNP	4880005	1	1	0	46,X,Y(18;21)(q20.812969612701	1982434	40.62%	2884653	59.11%	1833428	37.57%	1029931	21.11%	21294	0.44%	95%	69.10%
ICRM	BOC_K1	Biopsy	seq(12)*3	NGS	18513240	1	1	1	45,XX,t(11;17)(p10.1618526143702	955014	5.16%	15509311	83.77%	4318201	23.32%	11113888	60.03%	77222	0.42%	32%	76.50%
ICRM	CHR_K1	Biopsy	seq(9q12q34.3)x3[0.4](19)x3	NGS	17654530	1	1	1	46,XX,inv(6)(p21)0.507395532278	543981	3.08%	14968113	84.78%	5574105	31.57%	9269739	52.51%	124269	0.70%	28%	73.90%
Tomsk	Ezh2_K310	Biopsy	arr(12,21)*3,(4,21)*3	aCGH	1121541	1	1	0	0.926193637973	13468	1.20%	1024622	91.36%	838740	74.78%	184625	16.46%	1257	0.11%	47%	91.60%
Tomsk	Ezh3_K	Biopsy	seq(16)*3,(22)*1	NGS	5332506	1	1	0	0.690386078106	191709	3.60%	4700270	88.14%	1828360	34.29%	2871910	53.86%	0	0.00%	39%	90.60%
Tomsk	Fisher1_K	Biopsy	arr(15)*3	PGT-SNP	31716347	1	1	0	0.525848704596	370102	1.7%	27566605	86.92%	19910354	62.78%	0	0.00%	7656251	24.14%	76%	50.60%
ICRM	HAN_K5	Biopsy	arr(XY)x1,(4,22)x3	aCGH	16900171	1	1	1	46,X,X(20)(q13);0.681590197765	1953793	11.56%	13221767	78.23%	4248158	25.14%	2742724	16.23%	6230885	36.87%	50%	58.20%
ICRM	Ill_K3	Biopsy	arr(9)x3,(XY)x1	aCGH	13693508	1	1	0	46,XX,t(11;17)(p10.423485650564	241512	1.76%	12135385	88.62%	9901140	72.31%	508884	3.72%	1725361	12.60%	41%	84.20%
Tomsk	Kaz3_K	Biopsy	arr(21,22)*1,*2,(X,Y)*1	aCGH	5167769	1	1	0	1.20268386115	447557	8.66%	4314733	83.49%	1129826	21.86%	0	0.00%	3184907	61.63%	31%	77.50%
Tomsk	Kira1_K2	Biopsy																			