

Sample	Original karyotype	Refined karyotype	Justification
11425_K	seq[GRCh37](2p25.3p12)x1	seq[GRCh37](2p25.3p12)x1	
3Bal2_eB	arr(18)*3,(21)*1,(X,Y)*1	(18p11.32q22.1)x3,(21p13q21.3)x1,(X,Y)*1	Parental translocation - 46XY t(18;21)(q22.1;q21.3)
55achk3_eB	arr[GRCh37](9p24.3p11.2)*1[0.3],[9q22.2q24.3)*1[0.3],[10)*3[0.3],[X,Y)*1	arr[GRCh37](9p24.3p11.2)*1[0.3],[9q22.2q34.3)*1[0.3],[10)*3[0.3],[X,Y)*1	
6069_1_K	seq[GRCh37] (11p11.12q12.2)x3,(18)x1,(22)x3	seq[GRCh37] (11p11.12q12.2)x3,(18)x1,(22)x3	
6069_plus	seq[GRCh37](1p36.33p13.2)x1,(1p13.2q21.1)x3,(22)x3	seq[GRCh37](1p36.33p13.2)x1,(1p13.2q21.1)x3,(22)x3	
7493_K	seq[GRCh37](22q12.1q13.33)*1	seq[GRCh37](22q12.1q13.33)*1	
8388_1_K	seq[GRCh37](15q25.1q26.3)x3,(20p13p11.1)x1,(22)x1	seq[GRCh37](15q25.1q26.3)x3,(20p13p11.1)x1,(22)x1	
8388_3_K	seq[GRCh37](15q25.1q26.3)x3,(20p13q11.1)x1	seq[GRCh37](15q25.1q26.3)x3,(20p13q11.1)x1	
Aks_K	arr[GRCh37](5p15.33p15.32)x1, (13q31.1q34)*3, (x,y)x1	arr[GRCh37](5p15.33p15.32)x1, (13q31.1q34)*3, (x,y)x1	
Aks1_K	arr(7)*1-2,(19)*1-2,(20)*1-2,(X,Y)*1	arr(7)*1-2,(19)*1-2,(20)*1-2,(X,Y)*1	
Ani_e	without PGT	without PGT	
Bag3_K	arr(X)*0[0.3], (Y)*1	arr(X)*0[0.3], (Y)*1	
Bal1_eB	arr(16)*3,(21)*2-3,(X,Y)*1	(16)*3, (18q22.1q23)*1,(21q21.3q22.3)*3,(22)*2-3,(X,Y)*1	Parental translocation - 46XY t(18;21)(q22.1;q21.3), the incidence of mosaicism in raw data
Bal1_K	arr(16)*3,(21)*2-3,(X,Y)*1	(16)*3, (18q22.1q23)*1,(21q21.3q22.3)*3,(22)*2-3,(X,Y)*1	Parental translocation - 46XY t(18;21)(q22.1;q21.3), the incidence of mosaicism in raw data
Bal3_e	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	(18p11.32q22.1)*3,(18q22.1q23)*1,(21p13q21.3)*1,(21q21.3q22.3)*3,(22)*1,(X,Y)*1	Parental translocation - 46XY t(18;21)(q22.1;q21.3)
BOC_e1	seq(21)x3	seq(21)x3	
Boc_e4	seq(18)x1	seq(18)x1	
BOC_K1	seq(21)x3	seq(21)x3	
Boc_K4	seq(18)x1	seq(18)x1	
BTR_e3	arr(3q25.32q29)x1,(11)x3,(16q22.2q24.3)x3	arr(3q25.32q29)x1,(11)x3,(16q22.2q24.3)x3	
BTR_e9	arr(3q25.32q29)x3,(16q22.2q24.3)x1,(22)x3	arr(3q25.32q29)x3,(16q22.2q24.3)x1,(22)x3	
Ch-D_e	without PGT	without PGT	
Chal_e	without PGT	without PGT	
Chal_K1	without PGT	without PGT	
Chal_K2	without PGT	without PGT	
Chal2_e	without PGT	without PGT	
CHR_e1	seq(9q12q34.3)x3[0.4],[19)x3	seq(9q12q34.3)x3[0.4],[19)x3	
CHR_K1	seq(9q12q34.3)x3[0.4],[19)x3	seq(9q12q34.3)x3[0.4],[19)x3	
Dik_e	without PGT	without PGT	
Dik_e1	without PGT	without PGT	
Dik_K1	without PGT	without PGT	
Dik_K2	without PGT	without PGT	
Droz_2_K	without PGT	without PGT	
embryo6	Euploid embryo	Euploid embryo	
Esh2_K	seq(22)*1	seq(22)*1	
Ezh1_K	seq(21)*1	seq(21)*1	
Ezh2_K3110	arr(X)*2,(4,21)*3	arr(X)*2,(4,21)*3	
Ezh3_K	seq(16)*3,(22)*1	seq(16)*3,(22)*1	
Fed1_e	seq(18)*3	seq(18)*3	
Fisher1_K	arr(15)*3	arr(15)*3	
Fuks1_K	arr(14,22)*1,(X)*2	arr(14,22)*1,(X)*2	
Fuks2_K1	arr(X)*2,(Y)*1	arr(X)*2,(Y)*1	
Gri2_e	arr(13)*1, (X)*2	arr(13)*1, (X)*2	
HAN_e5	arr(XY)x1,(4,22)x3	arr(XY)x1,(4,22)x3	
HAN_K5	arr(XY)x1,(4,22)x3	arr(XY)x1,(4,22)x3	
III_e4	without PGT	without PGT	
III_K3	arr(9)*3,(X,Y)*1	arr(9)*3,(X,Y)*1	
Isa1_e	arr(14)*1,(20,22)*3,(X,Y)*1	arr(14)*1,(20,22)*3,(X,Y)*1	
K11	without PGT	without PGT	

K13	without PGT	without PGT	
K8	without PGT	without PGT	
Kaz1_e	arr(21,22)*3,(X)*2	arr(21,22)*3,(X)*2	
Kaz3_K	arr(21,22)*1-2,(X,Y)*1	arr(21,22)*1-2,(X,Y)*1	
Kira1_K1	arr[hg19](21)*2-3,(22)*1,(16q12.1q24.3)*1-2,(X,Y)*1	arr[hg19](21)*2-3,(22)*1,(16q12.1q24.3)*1-2,(X,Y)*1	
Kira1_K2	arr[hg19](21)*2-3,(22)*1,(16q12.1q24.3)*1-2,(X,Y)*1	arr[hg19](21)*2-3,(22)*1,(16q12.1q24.3)*1-2,(X,Y)*1	
Kond3_K	arr(8)*1,(X,Y)*1	arr(8)*1,(X,Y)*1	
Kond4_K	arr(16)*1,(X)*2	arr(16)*1,(X)*2	
Kond5_K	Arr(13,14)*1,(X,Y)*1	arr(13,14)*1-2,(X,Y)*1	The incidence of mosaicism in raw data
Kov1_e	arr[hg19](1,8)*3,(2p25.1-p21)*3,(X,Y)*1	arr[hg19](1,8)*3,(2p25.1-p21)*3,(X,Y)*1	
Kov2_e	arr(21)*3,(20)*1,(X)*2	arr(21)*3,(20)*1,(X)*2	
Kra_e	arr(5,6,15)*3[0.4],[3,4,7,13]*1[0.3],[X]*0,(Y)*1	arr(5,6,15)*3[0.4],[3,4,7,13]*1[0.3],[X]*0,(Y)*1	
Kra1_e	arr(7,11,16)*1[0.3],[5,10]*3[0.4-0.5],[X,Y)*1	arr(7,11,16)*1[0.3],[5,10]*3[0.4-0.5],[X,Y)*1	
Kra3_K	arr(12)*3,(10,21)*1[0.3],[16,19,22)*3[0.4],[X)*2	arr(12)*3,(10,21)*1[0.3],[16,19,22)*3[0.4],[X)*2	
Kul_K	arr(1,6,11)*3[0.3-0.4],[20)*1[0.3],[4,21)*1[0.4],[X)*2	arr(1,6,11)*3[0.3-0.4],[20)*1[0.3],[4,21)*1[0.4],[X)*2	
Kul2_K	arr(21)*3,(X,Y)*1	arr(21)*3,(X,Y)*1	
Kur3_e	arr(11,12,17,22)*3,(16)*1,(X)*2	arr(11,12,17,22)*3,(16)*1,(X)*2	
Kur3_K	arr(11,12,17,22)*3,(16)*1,(X)*2	arr(11,12,17,22)*3,(16)*1,(X)*2	
Kus1_K	arr(2,10,13)*1-2,(X)*2	arr(2,10,13)*1-2,(X)*2	
Lam1_K	arr[GRCh37] (8p23.3p11.22)*1,(X,Y)*1	arr[GRCh37] (8p23.3p11.22)*1,(X,Y)*1	
Lim1_K	arr(16)*1,(X)*2	arr(16)*1,(X)*2	
MAD_e3	arr(XY)x1,(2)x1	arr(XY)x1,(2)x1	
MAD_K3	arr(XY)x1,(2)x1	arr(XY)x1,(2)x1	
Mal3_K	without PGT	without PGT	
Mar1_K	arr(3)*3,(8)*3[0.62]	arr(3)*3,(8)*3[0.62],[16)*2-3	The incidence of mosaicism in raw data
Mat2_K	arr(14)*3,(X)*2	arr(14)*3,(X)*2	
Mel6_K	Euploid embryo	Euploid embryo	
Mog1_e	arr[hg19](9p21.3-p21.1)*1,(21)*1,(X)*2	arr[hg19](9p21.3-p21.1)*1,(21)*1,(X)*2	
Ore1_e27	arr(14)*3[0.3],[16)*1,(X,Y)*1	arr(14)*3[0.3],[16)*1,(X,Y)*1	
Ore1_K	arr(14)*3[0.3],[16)*1,(X,Y)*1	arr(14)*3[0.3],[16)*1,(X,Y)*1	
Pan1_K	arr[GRCh37](16p13.3p12.2)*3,(17)*3[0.4],[19)*3[0.4],[20)*3[0.3],[22)*3[0.3],[X)*2	arr[GRCh37](16p13.3p12.2)*2-3,(17)*3[0.4],[19)*3[0.4],[20)*3[0.3],[22)*3[0.3],[X)*2	The incidence of mosaicism in raw data
Pash_e2	without PGT	without PGT	
Pash_e3	seq(2q32.3q37.3)x1,(6q13q27)x3	seq(2q32.3q37.3)x1,(6q13q27)x3	
Pash_K2	without PGT	without PGT	
Pash_K3	seq(2q32.3q37.3)x1,(6q13q27)x3	seq(2q32.3q37.3)x1,(6q13q27)x3	
Pet1_K	arr[hg38](3p21.31q29)*1,(15)*3	arr[hg38](3p21.31q29)*1,(15)*3	
Sach1_e	arr(17)*2-3,(22)*1-2,(X,Y)*1	arr(17)*2-3,(22)*1-2,(X,Y)*1	
Sach1_K_2110	arr[GRh37](5q33.1q35.3)*3[0.5],[16)*3,(X)*2	arr[GRh37](5q33.1q35.3)*3[0.5],[16)*3,(X)*2	
Sach2_K	arr(13,22)*1,(X,Y)*1	arr(13,22)*1,(X,Y)*1	
Sav4_e	arr(16,22)*3,(X,Y)*2	arr(16,22)*3,(X,Y)*2	
Sav4_eB	arr(16,22)*3,(X,Y)*2	arr(16,22)*3,(X,Y)*2	
Sav4_K	arr(16,22)*3,(X,Y)*2	arr(16,22)*3,(X,Y)*2	
Say3_K	arr(20,22)*1-2,(X,Y)*1	arr(20,22)*1-2,(X,Y)*1	
Sheg1_e	arr(18)*2-3,(13)*1-2,(X,Y)*1	arr(18)*2-3,(13)*1-2,(X,Y)*1	
Sheg1_K2	arr(18)*2-3,(13)*1-2,(X,Y)*1	arr(18)*2-3,(13)*1-2,(X,Y)*1	
Shen1_e	arr(2)*3,(X)*2	arr(2)*3,(X)*2	
Shen1_K	arr(2)*3,(X)*2	arr(2)*3,(X)*2	
Shen2_e	arr[hg38](11q13.2q25)*1,(X,Y)*1	arr[hg38](11q13.2q25)*1,(X,Y)*1	
Shen2_K	arr[hg38](11q13.2q25)*1,(X,Y)*1	arr[hg38](11q13.2q25)*1,(X,Y)*1	
Shen3_e	arr(14)*3,(21)*1,(X,Y)*1	arr(14)*3,(21)*1,(19,22)*2-3,(X,Y)*1	The incidence of mosaicism in raw data

Shen3_K	arr(14)*3,(21)*1,(X,Y)*1	arr(14)*3,(21)*1,(19,22)*2-3,(X,Y)*1	The incidence of mosaicism in raw data
Shur1_K_2205	seq[hg19](10q25.1q26.11)*3	seq[hg19](10q25.1q26.11)*3	
Shur2_K	seq(12)*3	seq(12)*3	
Shur3_K	seq(21)*3	seq(21)*3	
Tok1_K	Euploid embryo	Euploid embryo	
Ton1_e	Euploid embryo	Euploid embryo	
Vla1_e	arr[hg38](6p25.3q16.1)*3,(18q22.3q23)*1	arr[hg38](6p25.3q16.1)*3,(18q22.3q23)*1	
Vla1_K_0705	arr[hg38](6q12q16.1)*3	arr[hg38](6p25.1q16.1)*3,(18q22.2q23)*1	Parental translocation - 46XY t(6;18;21)(p12q23; q23;q22)
Vla2_e	arr(3)*2-3,(10)*2-3,(11)*2-3,(19)*2-3,(22)*1-2	arr(3)*2-3,(10)*2-3,(11)*2-3,(19)*2-3,(22)*1-2	
Vla2_K_0705	arr[hg38](6q12q16.1)*1	arr[hg38](6q12q16.1)*1	
Vla4_K	arr[hg38](6p25.3p12.3)*3,(18q22.3q23)*1	arr[hg38](6p25.3p12.3)*3,(18q22.3q23)*1	
Vla6_K	arr[hg38](6q16.1q27)*3,(18p11.32q22.3)*1	arr[hg38](6q16.1q27)*3,(18p11.32q22.3)*1	
Vla7_K	arr[hg38](5p15.33p15.1)*1,(6p25.3q16.1)*3,(18q22.3q23)*1	arr[hg38](5p15.33p15.1)*1,(6p25.3q16.1)*3,(18q22.3q23)*1	
Vla9_e	without PGT	without PGT	
Vor1_K	seq(3)*3	seq(3)*3	
XAH_e13	arr(7p22.3q11.21)x1,(9p24.3q33.3)x3	arr(7p22.3q11.21)x1,(9p24.3q33.3)x3	
XAH_K13	arr(7p22.3q11.21)x1,(9p24.3q33.3)x3	arr(7p22.3q11.21)x1,(9p24.3q33.3)x3	
YAK_e4	arr(11p15.5p14.3)x1	arr(11p15.5p14.3)x1	
Zap_e2	arr(4q32.1q35.2)*2-3,(X)*2	arr(4q32.1q35.2)*2-3,(X)*2	
Zap_e3	arr(3p22.2q29)x1,(6p21.2q27)x3	arr(3p22.2q29)x1,(6p21.2q27)x3	
Zap_K2	arr(4q32.1q35.2)*2-3,(X)*2	arr(4q32.1q35.2)*2-3,(X)*2	