- *Tabla 3: Resumen de los datos obtenidos al analizar con los distintos algoritmos de análisis de ploidía el set de embriones in sílico con distintos porcentajes de aneuploidía.*

- *Table 3: This table shows a brief summary of the data when analyzing the different percentage of aneuploidy with the different ploidy analysis algorithms.*

Set *InSilico*. Level of mosaicism	IRS				Our Algorithm		
Embryo	MAPD	Reads	ReproSeq Low-pass Whole-genome aneuploidy	ReproSeq Mosaic PGS w1.1	MAPD	Reads	Diagnosis
Res_rep1.10-90.B2-CP6	0,19	99811	46 XY	XY,+1,+6,+7,+X,-3,-11,-17,-18,-Y	0,185	91355	20% 46 XX / 46 XY
Res_rep1.20-80.B2-CP6	0,198	99590	46 XY	XY,+1,+6,+7,+15,+X,-3,-11,-18,-Y	0,193	90868	20% 45 XX -3 / 46 XY
Res_rep1.30-70.B2-CP6	0,186	99255	46 XY	XY,+1,+2,+4,+5,+6,+7,12,+14,+15,+16,+x,-3,-18,-Y	0,188	90587	30% 45 XX -3 / 46 XY
Res_rep1.40-60.B2-CP6	0,186	99657	46 XY	XY,+2,+4,+5,+6,+7,+8,+9,+10,+12,+14,+15,+X,-3,-11,-18,-Y	0,185	90418	40% 45 XX -3 / 46 XY

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Res_rep1.50-50.B2-CP6	0,192	99931	46XX	XY,+2,+6,+7,+9,+10,+14,+15,+X,-3,-11,-18,-1Y	0,187	90574	50% 45 XX -3 / 46 XY
Res_rep1.60-40.B2-CP6	0,189	99957	46 XX	XY,+2,+4,+5,+6,+7,+8,+9,+10,+12,+14,+15,+16,+X,-3,-Y	0,182	90719	60% 45 XX -3 / 46 XY
Res_rep1.70-30.B2-CP6	0,189	99785	45 XX, -3	XY,+2,+6,+10,+14,+15,+16,+X,-3,-11,-17,-18,-19,-Y	0,177	90838	70% 45 XX -3 / 46 XY
Res_rep1.80-20.B2-CP6	0,183	99479	45 XX, -3	XY,+2,+5,+6,+7,+14,+15,+16,+X,-1,-3,-11,-17,-18,-19,-Y	0,19	90770	90% 45 XX -3 / 46 XY
Res_rep1.90-10.B2-CP6	0,199	99438	45 XX, -3	XX,+2,+4,+5,+6,+7,+8,+10,+14,+15,+16,-1,-3,-11,-19,-X	0,185	91299	90% 45 XX -3 / 46 XY
Res_rep2.10-90.B2-CP6	0,193	99899	46 XX	XY,+1,+2,+6,+7,+15,+X,-3,-8,-17,-18,-Y	0,192	91410	20% 46 XX / 46 XY
Res_rep2.20-80.B2-CP6	0,198	99794	46 XX	XY,+6,+7,+15,+X,-3,-11,-18,-18,-Y	0,187	90944	20% 45 XX -3 / 46 XY
Res_rep2.30-70.B2-CP6	0,181	99761	46 XX	XY,+1,+2,+6,+7,+14,+15,+X,-3,-18,-21-,Y	0,187	90735	30% 45 XX -3 / 46 XY
Res_rep2.40-60.B2-CP6	0,193	99913	46 XX	XY,+2,+5,+6,+7,+12,+14,+15,+16,+X,-3,-11,-18,-Y	0,181	90448	40% 45 XX -3 / 46 XY
Res_rep2.50-50.B2-CP6	0,193	99639	46 XY	XY,+2,+5,+6,+7,+9,+12,+14,+15,+16,+21,+X,-3,-11,-18,-22,-Y	0,187	90403	50% 45 XX -3 / 46 XY
Res_rep2.60-40.B2-CP6	0,179	99775	46 XX (del 3q?)	XY,+2,+6,+7,+14,+15,+16,+X,-3,-17,-18,-19,-Y	0,188	90594	60% 45 XX -3 / 46 XY

Res_rep2.70-30.B2-CP6	0,177	99668	45 XX, -3	XX,+2,+4,+5,+6,+7,+10,+13,+º4,+º5,+16,+20,-3,-11,-17,-19,-X	0,193	90526	70% 45 XX -3 / 46 XY
Res_rep2.80-20.B2-CP6	0,177	99524	45 XX, -3	XX,+2,+4,+5,+6,+7,+8,+9,+10,+12,+14,+15,+16,-3,-11,-19,-X	0,187	90448	80% 45 XX -3 / 46 XY
Res_rep2.90-10.B2-CP6	0,197	99701	45 XX, -3	XX,+2,+6,+7,+12,+14,+15,+16,-1,-3,-11,-17,-18,-19,-X	0,183	91392	90% 45 XX -3 / 46 XY
Res_rep3.10-90.B2-CP6	0,19	100041	46 XY	XY,+1,+2,+6,+7,+15,+X,-3,-17,-18,-Y	0,185	91228	20% 46 XX / 46 XY
Res_rep3.20-80.B2-CP6	0,185	100039	46 XY	XY,+1,+2,+6,+7,+15,+X,-3,-18,-Y	0,185	91055	20% 45 XX -3 / 46 XY
Res_rep3.30-70.B2-CP6	0,184	99468	46 XY	XY,+2,+4,+6,+7,+15,+16,+X,-3,-11,-18,-Y	0,199	90448	30% 45 XX -3 / 46 XY
Res_rep3.40-60.B2-CP6	0,183	99382	46 XX	XY,+1,+2,+4,+5,+6,+7,+9,+10,+12,+14,+15,+16,+20,+X,-3,-Y	0,184	90364	40% 45 XX -3 / 46 XY
Res_rep3.50-50.B2-CP6	0,187	99684	46 XX	XY,+2,+4,+5,+6,+7,+10,+12,+14,+15,+16,+X,-3,-11,-17,-18,-Y	0,191	90440	50% 45 XX -3 / 46 XY
Res_rep3.60-40.B2-CP6	0,191	99426	46 XX (del 3q?)	XY,+2,+5,+6,+7,+8,+9,+10,+14,+15,+16,+X,-3,-11,-X	0,187	90152	60% 45 XX -3 / 46 XY

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Res_rep3.70-30.B2-CP6	0,179	99622	45 XX, -3	XY,+2,+4,+5,+6,+7,+8,+10,+12,+14,+15,+16,+20,+X,-3,-11,-17,-Y	0,185	90494	80% 45 XX -3 / 46 XY
Res_rep3.80-20.B2-CP6	0,185	99689	45 XX, -3	XX,+2,+5,+6,+7,+8,+9,+10,-1,-3,-11,-17,-19,-X	0,184	90874	80% 45 XX -3 / 46 XY
Res_rep3.90-10.B2-CP6	0,189	99845	45 XX, -3	XX,+2,+4,+5,+6,+7,+8,+10,+14,+15,+16,-1,-3,-11,-19,-X	0,183	91153	90% 45 XX -3 / 46 XY
Res_rep1.10-90.T7-CP1	0,165	150931	46 XY	XY,+1,+7,+X,-8,-13,-18,-Y	0,158	140458	10% 46 XX, +18, -13, del 9q / 46 XY
Res_rep1.20-80.T7-CP1	0,166	150044	46 XY	XY,+1,+2,+3,+6,+7,+9,+15,+19,+X,-13,-17,-18,-Y	0,164	138786	30% 47 XX +18 / 46 XY
Res_rep1.30-70.T7-CP1	0,166	150257	46 XY	XY,+1,+2,+3,+6,+7,+15,+19,+X,-13,-Y	0,159	137459	44 XX / 30% +18, 20% -21 / 46 XY
Res_rep1.40-60.T7-CP1	0,166	150055	46 XY	XY,+1,+6,+15,+X,-8,-13,-Y	0,165	135610	44 XX / 40% +18, 30% -21 / 46 XY
Res_rep1.50-50.T7-CP1	0,174	150511	48 XXY, +18	XY,+1,+2,+3,+19,+X,-13,-18,-Y	0,161	133681	44 XX / 60% +181, 50% -21 / 46 XY
Res_rep1.60-40.T7-CP1	0,165	149743	48 XXY, +18	XY,+2,+3,+6,+15,+20,+X,-13,-21,-Y	0,168	130574	44 XX / 50% +18, 70% -21 / 46 XY
Res_rep1.70-30.T7-CP1	0,178	149587	47 XXY, +18, -21	XY,+2,+6,+9+X,-13,-21,-Y	0,182	127808	44 XX / 80% +18, 70% -21 / 46 XY
Res_rep1.80-20.T7-CP1	0,16	150267	47 XXY, +18, -21	XY,+6,+X,-5,-13,-Y	0,162	124692	44 XX / 90% +18, 80% -21 / 46 XY

Res_rep1.90-10.T7-CP1	0,176	149506	46 XX, +18, -21	XX,+2,+6,+20,+22,-5,-13,-21,-X	0,178	121238	90 % 44 XX, +18, -21 / 46 XY
Res_rep2.10-90.T7-CP1	0,17	150363	46 XY	XY,+1,+2,+3,+6,+7,+9,+15,+19,+X,-13,-18,-Y	0,162	139892	10% 45 XX, +18,-9, -13 / 46 XY
Res_rep2.20-80.T7-CP1	0,163	150436	46 XY	XY,+1,+7,+X,-13,-14,-18,-Y	0,156	138959	30% XX / 20% +18 / 46 XY
Res_rep2.30-70.T7-CP1	0,178	150652	46 XY	XY,+1,+2,+6,+19,+22,+X,-13,-17,-Y	0,17	137630	44 XX / 30% +18, 30% -21 / 46 XY
Res_rep2.40-60.T7-CP1	0,163	149724	46 XY	XY,+1,+2,+6,+X,-13,-Y	0,161	135068	44 XX / 40% +18, 30% -21 / 46 XY
Res_rep2.50-50.T7-CP1	0,167	150159	46 XY	XY,+1,+2,+3,+6,+7,+9,+19,+X,-13,-18,-Y	0,163	133434	44 XX / 60% +18, 50% -21 / 46 XY
Res_rep2.60-40.T7-CP1	0,169	149984	47 XXY	XY,+2,+3,+6,+X,-13,-Y	0,167	130838	44 XX / 60% +18, 60% -21 / 46 XY
Res_rep2.70-30.T7-CP1	0,18	149253	48 XXY, +18	XY,+2,+6,+20,+22,+X,-13,-Y	0,172	127417	44 XX / 80% +18, 70% -21 / 46 XY
Res_rep2.80-20.T7-CP1	0,179	149280	48 XXY, +18	XX,+1,+2,+3,+6,+20,+22,-13,-X	0,173	124404	44 XX / 90% +18, 80% -21 / 46 XY
Res_rep2.90-10.T7-CP1	0,168	149186	46 XX, +18, -21	XX,+2,+3,+16,+20,+22,-13,-X	0,167	121088	90 % 44 XX, +18, -21 / 46 XY
Res_rep3.10-90.T7-CP1	0,173	150889	46 XY	XY,+1,+2,+6,+7,+15,+X,-8,-13,-18,-Y	0,163	140366	42 XX / 10% -9, 20% -13, 10% -18

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Res_rep3.20-80.T7-CP1	0,173	150529	46 XY	XY,+1,+2,+3,+4,+6,+7,+9,+15,+20,+X,-13,-18,-Y	0,165	139092	30% XX / 20% +18 / 46 XY
Res_rep3.30-70.T7-CP1	0,159	149713	46 XY	XY,+1,+2,+6,+9,+12,+19,+X,-13,-18,-Y	0,156	136794	44 XX / 30% +18, 30% -21 / 46 XY
Res_rep3.40-60.T7-CP1	0,171	149856	46 XY	XY,+1,+2,+3,+6,+9,+19,+20,+X,-13,-17,-18,-Y	0,168	135459	44 XX / 40% +18, 40% -21 / 46 XY
Res_rep3.50-50.T7-CP1	0,168	150096	48 XXY, +18	XY,+20,+X,-8,-13,-14,-Y	0,163	133066	44 XX / 60% +18, 50% -21 / 46 XY
Res_rep3.60-40.T7-CP1	0,167	149973	48 XXY, +18	XY,+1,+6,+X,-13,-17,-18,-Y	0,163	130828	44 XX / 60% +18, 60% -21 / 46 XY
Res_rep3.70-30.T7-CP1	0,167	149656	47 XXY, +18, -21	XX,+1,+2,+3,+6,+9,+10,+11,+12,+19,+X,-13,-Y	0,167	127989	44 XX / 80% +18, 70% -21 / 46 XY
Res_rep3.80-20.T7-CP1	0,169	149363	47 XXY, +18, -21	XX,+6,+20,-5,-8,-13,-X	0,164	124477	44 XX / 90% +18, 80% -21 / 46 XY
Res_rep3.90-10.T7-CP1	0,174	149482	46 XX, +18, -21	XX,-13,-21,-X	0,17	121209	90 % 44 XX, +18, -21 / 46 XY
Res_rep1.10-90.B10-CP2	0,164	119794	46 XX	XX,+1,+2,+3,+4,+6,+7,+8,+10,+16,-5,-17,-X	0,161	112554	10% 46XY / 46 XX
Res_rep1.20-80.B10-CP2	0,175	119603	46 XX	XX,+2,+4,+7,+8,+12,+16,-5,-19,-X	0,172	110379	20% 44 XY, -5 / 46 XX
Res_rep1.30-70.B10-CP2	0,17	119470	46 XX	XX,+1,+2,+3,+4,+6,+7,+8,+10,+11,+12,+15,+16,+18,-5,-19,-X	0,175	107497	44 XY / 30% -5, 10% -19 / 46 XX

Res_rep1.40-60.B10-CP2	0,19	120209	47 XXY	XY,+1,+2,+3,+4,+10,+12,+15,+16,+X,-5,-17,-18,-19,-Y	0,184	104669	44 XY / 40% -5, 20% -19 / 46 XX
Res_rep1.50-50.B10-CP2	0,176	120121	47 XXY	XY,+1,+3,+X,-5,-13,-19,-Y	0,176	100634	44 XY / 50% -5, 30% -19 / 46 XX
Res_rep1.60-40.B10-CP2	0,185	119713	46 XY	XY,+1,+4,+6,+7,+10,+15,+16,+x,-5,-13,-17,-19,-Y	0,185	96007	44 XY / 60% -5, 40% -19 / 46 XX
Res_rep1.70-30.B10-CP2	0,186	119988	45 XY, -5	XY,+1,+2,+3,+4,+6,+7,+10,+12,+15,+16,+20,+X,-5,-19,-Y	0,188	91197	44 XY / 70% -5, 40% -19 / 46 XX
Res_rep1.80-20.B10-CP2	0,203	119922	44 XY, -5, -19	XY,+1,+3,+4,+7,+15,+16,+x,-5,-13,-19,-Y	0,193	85881	44 XY / 80% -5, 50% -19 / 46 XX
Res_rep1.90-10.B10-CP2	0,196	119891	44 XY, -5, -19	XY,+1,+3,+4,+6,+7,+14,+15,+16,+20,+X,-5,-17,-19,-Y	0,19	80322	44 XY / 90% -5, 60% -19 / 46 XX
Res_rep2.10-90.B10-CP2	0,169	119807	46 XX	XX,-5,-9,-13,-17,-X	0,167	112636	10% 46XY / 46 XX
Res_rep2.20-80.B10-CP2	0,168	119867	46 XX	XX,+6,+7,+10,+16,-5,-14,-17,-19,-X	0,167	110640	20% 44 XY, -5 / 46 XX
Res_rep2.30-70.B10-CP2	0,168	120398	46 XX	XX,+1,+2,+3,+4,+6,+7,+8,+10,+12,+16,-5,-17,-19,-X	0,165	107619	44 XY / 30% -5, 10% -19 / 46 XX
Res_rep2.40-60.B10-CP2	0,176	119542	47 XXY	XY,+1,+2,+3,+4,+6,+7,+8,+10,+12,+14,+15,+16,+20,+X,-5,-17,-19,-Y	0,166	104564	44 XY / 40% -5, 10% -19 / 46 XX
Res_rep2.50-50.B10-CP2	0,178	120023	47 XXY	XY,+1,+4,+6,+7,+8,+10,+12,+16,+x,-5,-17,-19,-Y	0,175	100429	44 XY / 40% -5, 20% -19 / 46 XX

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Res_rep2.60-40.B10-CP2	0,19	120115	46 XY	XY,+1,+3,+4,+6,+7,+10,+11,+16,+x,-5,-17,-19,-Y	0,194	95924	44 XY / 50% -5, 30% -19 / 46 XX
Res_rep2.70-30.B10-CP2	0,192	119838	45 XY, -5	XY,+1,+3,+4,+6,+7,+10,+12,+14,+15,+16,+20,+x,-5,-19,-Y	0,181	91182	44 XY / 70% -5, 40% -19 / 46 XX
Res_rep2.80-20.B10-CP2	0,195	120065	45 XY, -5	XY,+1,+2,+3,+4,+6,+7,+10,+11,+14,+15,+16,+20,+X,-5,-13,-19,-Y	0,189	85733	44 XY / 80% -5, 50% -19 / 46 XX
Res_rep2.90-10.B10-CP2	0,204	119841	44 XY, -5, -19	XY,+1,+2,+3,+4,+6,+,+7,10,+12,+14,+15,+16,+20,+X,-5,-13,-19,-Y	0,202	80344	44 XY / 90% -5, 60% -19 / 46 XX
Res_rep3.10-90.B10-CP2	0,165	119831	46 XX	XX,+1,+2,+3,+4,+6,+7,+8,+10,+11,+16,-5,-9,-X	0,158	112557	10% 46XY / 46 XX
Res_rep3.20-80.B10-CP2	0,159	119957	46 XX	XX,+1,+2,+4,+6,+7,+8,+10,+12,+15,+16,-5,-19,-X	0,155	110527	20% 44 XY, -5 / 46 XX
Res_rep3.30-70.B10-CP2	0,177	119787	46 XX	XX,+1,+2,+3,+4,+7,+15,-5,-17,-19,-X	0,171	107729	44 XY / 30% -5, 10% -19 / 46 XX
Res_rep3.40-60.B10-CP2	0,177	119870	47 XXY	XY,+4,+6,+7,+8,+10,+16,+X,-5,-9,-19,-Y	0,17	104277	44 XY / 40% -5, 20% -19 / 46 XX
Res_rep3.50-50.B10-CP2	0,175	119058	47 XXY	XY,+1,+3,+4,+6,+7,+10,+12,+15,+16,+20,+X,-5,-19,-Y	0,174	100272	44 XY / 50% -5, 30% -19 / 46 XX
Res_rep3.60-40.B10-CP2	0,183	119714	47 XXY	XY,+1,+2,+3,+4,+6,+7,+8,+10,+11,+14,+15,+16,+X,-5,-19,-Y	0,182	95908	44 XY / 60% -5, 40% -19 / 46 XX

Res_rep3.70-30.B10-CP2	0,195	120236	45 XY, -5	XY,+1,+2,+4,+6,+8,+14,+16,+20,+X,-5,-19,-Y	0,192	91537	44 XY / 70% -5, 40% -19 / 46 XX
Res_rep3.80-20.B10-CP2	0,192	119118	44 XY, -5, -19	XY,+1,+4,+6,+7,+14,+X,-5,-13,-17,-19,-Y	0,191	85755	44 XY / 80% -5, 50% -19 / 46 XX
Res_rep3.90-10.B10-CP2	0,201	119615	44 XY, -5, -19	XY,+1,+2,+3,+4,+77,+10,+11,+14,+15,+16,+X,-5,-19,-Y	0,196	80224	44 XY / 90% -5, 60% -19 / 46 XX
Res_rep1.10-90.B11-CP3	0,17	162348	46 XX	XX,+1,+3,+4,+5,+6,+12,+14,+16,+18,+20,-8,-15,-X	0,168	150353	10% XX, +18, -9, -13 / 46 XY
Res_rep1.20-80.B11-CP3	0,163	162551	46 XX	XX,+6,+13,+14,+18,+20,-7,-8,-11,-15,-X	0,161	149851	80% 46 XX / 30% +18 / 46 XY
Res_rep1.30-70.B11-CP3	0,152	162643	46 XX	XX,+4,+6,+13,+14,+16,+18,+20,-8,-X	0,149	148731	80% 46 XX / 30% +18 / 46 XY
Res_rep1.40-60.B11-CP3	0,16	162706	47 XXY	XY,+4,+6,+13,+14,+16,+18,+20,+X,-7,-8,-10,-15,-Y	0,16	147071	80% 46 XY / 30% +13, 40% +18
Res_rep1.50-50.B11-CP3	0,16	162850	46 XY	XY,+3,+5,+6,+13,+16,+18,+20,+X,-8,-Y	0,158	145062	80% 46 XY / 40% +13, 50% +18 / 20% 46 XX
Res_rep1.60-40.B11-CP3	0,16	162993	46 XY	XY,+3,+4,+13,+16,+18,+20,+X,-8,-Y	0,156	142942	70% 46 XY / 60% +13, 60% +18 / 30% 46 XX
Res_rep1.70-30.B11-CP3	0,164	162801	47 XY, +13	XY,+3,+4,+6,+11,+12,+13,+16,+18,+19,+20,+X,-8,-Y	0,167	139969	50% 46 XY / 70% +13, 70% +18 / 50% 46 XX
Res_rep1.80-20.B11-CP3	0,16	162279	48 XY, +13,+18	XY,+1,+3,+5,+6,+11,+13,+16,+18,+19,+20,+X,-8,-22,-Y	0,16	136735	40% 46 XY / 80% +13, 80% +18 / 60% 46 XX

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Res_rep1.90-10.B11-CP3	0,17	162824	48 XY, +13, +18	XY,+1,+3,+4,+5,+6,+9,+10,+11,+13,+16,+18,+19,+20,+X,-8,-Y	0,172	133670	90% 48 XY, +13 +18 / 46 XY
Res_rep2.10-90.B11-CP3	0,162	162334	46 XX	XX,+1,+3,+4,+5,+6,+12,+13,+14,+16,+18,+20,-8,-15,-X	0,163	150663	10% XX, +18, -9 / 20% -13 / 46 XY
Res_rep2.20-80.B11-CP3	0,161	162792	46 XX	XX,+4,+6,+13,+14,+18,+20,-7,-8,-10,-15,-X	0,154	150074	80% 46 XX / 30% +18 / 46 XY
Res_rep2.30-70.B11-CP3	0,162	162893	46 XX	XY,+1,+4,+6,+13,+14,+16,+18,+20,+X,-8,-15,-Y	0,156	148827	80% 46 XX / 30% +18 / 46 XY
Res_rep2.40-60.B11-CP3	0,162	162945	47 XXY	XY,+4,+6,+13,+14,+18,+20,+X,-7,-8,-Y	0,162	146772	80% 46 XY / 40% +13, 40% +18
Res_rep2.50-50.B11-CP3	0,156	162948	47 XXY	XY,+13,+18,+X,-7,-8,-15,-22,-Y	0,154	144962	80% 46 XY / 40% +13, 50% +18 / 20% 46 XX
Res_rep2.60-40.B11-CP3	0,154	162653	46 XY	XY,+6,+13,+18,+X,-8,-15,-Y	0,156	142732	70% 46 XY / 60% +13, 60% +18 / 30% 46 XX
Res_rep2.70-30.B11-CP3	0,156	162786	46 XY	XY,+1,+3,+4,+6,+13,+14,+16,+18,+20,+X,-8,-Y	0,159	139988	50% 46 XY / 70% +13, 70% +18 / 50% 46 XX
Res_rep2.80-20.B11-CP3	0,172	162541	47 XY, +13	XY,+1,+3,+4,+5,+6,+9,+11,+13,+16,+18,+20,+X,-8,-Y	0,169	136835	40% 46 XY / 80% +13, 90% +18 / 60% 46 XX
Res_rep2.90-10.B11-CP3	0,165	162960	48 XY, +13,+18	XY,+5,+6,+9,+10,+11,+12,+13,+16,+18,+19,+20,+X,-8,-Y	0,167	133733	90% 48 XY, +13 +18 / 46 XY
Res_rep3.10-90.B11-CP3	0,164	162889	46 XX	XX,+4,+6,+14,+18,+20,-8,-10,-15,-X	0,161	150856	10% XX, +18, -9 / 20% -13 / 46 XY

Res_rep3.20-80.B11-CP3	0,165	162795	46 XX	XY,+4,+6,+13,+14,+18,+20,+X,-7,-8,-15,-Y	0,161	149989	80% 46 XX / 30% +18 / 46 XY
Res_rep3.30-70.B11-CP3	0,153	162551	47 XXY	XX,+1,+3,+4,+5,+6,+12,+13,+14,+16,+18,+20,-8,-15,-X	0,149	148072	80% 46 XX / 30% +18 / 46 XY
Res_rep3.40-60.B11-CP3	0,156	162501	47 XXY	XY,+4,+6,+12,+13,+14,+18,+20,+X,-7,-8,-10,-15,-22,-Y	0,153	146942	80% 46 XY / 30% +13, 40% +18
Res_rep3.50-50.B11-CP3	0,158	162859	49 XXY, +13, +18	XY,+1,+3,+4,+5,+6,+11,+12,+13,+14,+16,+18,+20,+X,-7-8,-10,-15,-22,-Y	0,155	145145	80% 46 XY / 40% +13, 50% +18 / 20% 46 XX
Res_rep3.60-40.B11-CP3	0,154	163398	48 XY, +13, +18	XY,+3,+4,+5,+11,+13,+14,+16,+18,+20,+X,-8,-Y	0,149	143256	70% 46 XY / 60% +13, 60% +18 / 30% 46 XX
Res_rep3.70-30.B11-CP3	0,159	163144	48 XY, +13, +18	XY,+6,+11,+13,+18,+20,+X,-8,-Y	0,158	140351	50% 46 XY / 70% +13, 70% +18 / 50% 46 XX
Res_rep3.80-20.B11-CP3	0,165	163016	48 XY, +13, +18	XY,+1,+2,+3,+4,+6,+9,+10,+11,+12,+13,+16,+18,+19,+20,+X,-8,-Y	0,158	137217	40% 46 XY / 80% +13, 80% +18 / 60% 46 XX
Res_rep3.90-10.B11-CP3	0,17	162871	48 XY, +13, +18	XY,+13,+18,+X,-7,-8,-22,-Y	0,169	133613	90% 48 XY, +13 +18 / 46 XY
Res_rep1.10-90.B3-CP3	0,17	153941	46 XX	XX,+4,+6,+14,+20,-8,-10,-15,-X	0,169	143415	XX / 20% -8
Res_rep1.20-80.B3-CP3	0,168	154459	46 XX	XX,+1,+2,+3,+4,+5,+6,+11,+12,+13,+14,+16,+17,+18,+19,+20,-8,-10,-X	0,163	143744	XX / 20% -8

Res_rep1.30-70.B3-CP3	0,165	153977	46 XX	XX,+4,+6,+11,+13,+14,+17,+20,-8,-10,-X	0,156	142563	XX / 30% -8
Res_rep1.40-60.B3-CP3	0,157	153664	46 XX	XX,+4,+5,+6,+9,+11,+13,+14,+18,+20,-8,-X	0,155	141803	XX / 30% +13 / 40% -8
Res_rep1.50-50.B3-CP3	0,14	154233	46 XX	XX,+4,+6,+11,+13,+20,-8,-10,-15,-22,-X	0,143	141199	XX / 40% +13 / 50% -8
Res_rep1.60-40.B3-CP3	0,158	154023	45 XX, -8	XX,+4,+6,+11,+13,+20,-8,-10,-15,-X	0,154	139062	XX / 60% +13, -8
Res_rep1.70-30.B3-CP3	0,155	153965	46 XX, +13, -8	XX,+4,+5,+6,+11,+13,+20,+21,-8,-10,-X	0,153	138304	XX / 60% +13 / 70% -8
Res_rep1.80-20.B3-CP3	0,157	153692	46 XX, +13, -8	XX,+4,+6,+9,+11,+13,-8,-10,-16,-X	0,152	136241	XX / 80% +13, -8
Res_rep1.90-10.B3-CP3	0,159	153488	46 XX, +13, -8	XX,+4,+6,+7,+11,+13,-8,-10,-X	0,158	133961	XX, +13 / 90% -8
Res_rep2.10-90.B3-CP3	0,165	154996	46 XX	XX,+1,+3,+4,+5,+6,+11,+12,+14,+16,+18,+20,-8,-10,-15,-X	0,163	143491	XXY / 10%, +4, +14, +20, -8
Res_rep2.20-80.B3-CP3	0,163	155019	46 XX	XX,+1,+3,+4,+5,+6,+13,+14,+16,+18,+20,-8,-10,-15,-X	0,16	143175	XX / 20% -8
Res_rep2.30-70.B3-CP3	0,158	153517	46 XX	XX,+1,+4,+5,+6,+9,+11,+12,+13,+14,+18,+20,-8,-X	0,161	142294	XX / 30% +13, -8
Res_rep2.40-60.B3-CP3	0,162	153864	46 XX	XX,+4,+6,+11,+13,+14,+20,-8,-10,-15,-X	0,162	141888	XX / 30% +13 / 40% -8

Res_rep2.50-50.B3-CP3	0,157	153669	46 XX	XX,+3,+4,+6,+11,+13,+14,+18,+20,-8,-10,-X	0,157	140746	XX / 40% +13 / 50% -8
Res_rep2.60-40.B3-CP3	0,155	154269	46 XX, +13, -8	XX,+1,+3,+4,+5,+6,+9,+11,+13,+14,+20,-8,-10,-X	0,158	139977	XX / 60% +13, -8
Res_rep2.70-30.B3-CP3	0,153	154685	46 XX, +13, -8	XX,+6,+11,+13,-8,-10,-X	0,153	138056	XX / 60% +13 / 70% -8
Res_rep2.80-20.B3-CP3	0,156	153362	46 XX, +13, -8	XX,+4,+5,+6,+9,+11,+13,+14,+18,+19,-8,-X	0,154	135910	XX / 80% +13, -8
Res_rep2.90-10.B3-CP3	0,158	154235	46 XX, +13, -8	XX,6,+11,+13,+14,-8,-10,-X	0,156	134041	XX / 90% +13, -8
Res_rep3.10-90.B3-CP3	0,169	154693	46 XX	XX,+4,+6,+14,+20,-7,-8,-10,-15,-X	0,161	143315	XXY / 10%, +4, -8
Res_rep3.20-80.B3-CP3	0,163	154337	46 XX	XX,+4,+6,+13,+14,+20,-8,-10,-15,-X	0,162	143548	XX / 20% -8
Res_rep3.30-70.B3-CP3	0,159	154785	46 XX	XX,+4,+6,+11,+13,+14,+18,+20,-8,-10,-15,-X	0,154	142662	XX / 30% +13, -8
Res_rep3.40-60.B3-CP3	0,171	153923	46 XX	XX,+4,+6,+11,+13,+14,+20,-8,-10,-15,-X	0,172	141928	XX / 30% +13 / 40% -8
Res_rep3.50-50.B3-CP3	0,148	154236	46 XX	XX,+1,+4,+6,+7,+11,+13,+14,+18,+20,-8,-15,-X	0,154	140602	XX / 40% +13 / 50% -8
Res_rep3.60-40.B3-CP3	0,155	155002	46 XX, +13, -8	XX,+3,+4,+6,+11,+13,+14,+20,-8,-10,-X	0,156	139532	XX / 60% +13, -8

Res_rep3.70-30.B3-CP3	0,159	154831	46 XX, +13, -8	XX,+6,+11,+13,+14,-8,-10,-22,-X	0,157	138121	XX / 60% +13 / 70% -8
Res_rep3.80-20.B3-CP3	0,154	153409	46 XX, +13, -8	XX,+4,+5,+6,+7,+9,+11,+13,+14,+20,-8,-10,-X	0,153	135927	XX / 80% +13, -8
Res_rep3.90-10.B3-CP3	0,154	153614	46 XX, +13, -8	XX,+4,+5,+6,+11,+13,-8,-10,-X	0,149	134202	XX / 90% +13, -8
Res_rep1.10-90.B13-CP4	0,193	134754	46 XY	XY,+1,+3,+6,+7,+9,+12,+17,-14,-16,-X,-Y	0,186	108059	46 XY
Res_rep1.20-80.B13-CP4	0,185	135072	46 XY	XY,+1,+2,+3,+7,+9,+12,+17,+21,-14,-Y	0,178	111602	30% X0, +21, -14 / XY
Res_rep1.30-70.B13-CP4	0,183	134149	46 XY	XY,+1,+12,+17,+21,-8,-14,-20,-X,-Y	0,179	113754	XY / 30% +21 / 40% -14
Res_rep1.40-60.B13-CP4	0,174	134869	47 XY, +22	XY,+1,+4,+5,+6,+7,+12,+21,-14,-18,-X,-Y	0,172	116457	XY / 40% +21 / 50% -14
Res_rep1.50-50.B13-CP4	0,177	134689	46 XY, +22, -14	XY,+1,+2,+3,+4,+5,+6,+7,+8,+9,+11,+15,+17,+21,+22,-14,-Y	0,176	118703	XY / 50% +21, -14
Res_rep1.60-40.B13-CP4	0,163	134828	46 XY, +22, -14	XY,+1,+2,+6,+7,+8,+9,+12,+15,+21,-14,-Y	0,16	120526	XY / 60% +21, -14
Res_rep1.70-30.B13-CP4	0,171	134360	46 XY, +22, -14	XY,+1,+15,+17,+21,-14,-X,-Y	0,165	121328	XY / 70% +21, -14
Res_rep1.80-20.B13-CP4	0,17	134576	46 XY, +22, -14	XY,+1,+2,+4,+6,+15,+21,+22,-14,-Y	0,165	122227	XY / 80% +21, -14

Res_rep1.90-10.B13-CP4	0,166	134542	46 XY, +22, -14	XY,+1,+2,+21,-14,-19,-Y	0,161	122545	XY, +21 / 90% -14
Res_rep2.10-90.B13-CP4	0,198	134737	46 XY	XY,+1,+3,+6,+9,+17,+21,-14,-X,-Y	0,187	108135	46 XY
Res_rep2.20-80.B13-CP4	0,188	134964	46 XY	XY,+1,+3,+4,+5,+6,+7,+9,+17,+21,-14,-Y	0,181	111604	30% X0, +21, -14 / XY
Res_rep2.30-70.B13-CP4	0,188	134265	46 XY	XY,+1,+6,+12,+17,+21,-10,-14,-X,-Y	0,184	113950	XY / 30% +21 / 40% -14
Res_rep2.40-60.B13-CP4	0,174	134333	46 XY	XY,+1,+2,+3,+5,+7,+21,-14,-Y	0,174	116235	XY / 40% +21 / 50% -14
Res_rep2.50-50.B13-CP4	0,175	134280	47 XY, +22	XY,+1,+21,-10,-13,-14,-18,-X,-Y	0,173	118224	XY / 50% +21, -14
Res_rep2.60-40.B13-CP4	0,17	134071	46 XY, +22, -14	XY,+1,+2,+4,+17,+21,-14,-Y	0,164	119810	XY / 60% +21, 60% -14
Res_rep2.70-30.B13-CP4	0,163	134621	46 XY, +22, -14	XY,+1,+2,+15,+21,-14,-X,-Y	0,159	121435	XY / 70% +21, -14
Res_rep2.80-20.B13-CP4	0,17	134606	46 XY, +22, -14	XY,+1,+2,+11,+21,-14,-X,-Y	0,161	122260	XY / 80% +21, -14
Res_rep2.90-10.B13-CP4	0,17	134588	46 XY, +22, -14	XY,+1,+2,+3,+4,+6,+8,+11,+16,+21,-14,-Y	0,165	122644	XY / 90% +21, -14
Res_rep3.10-90.B13-CP4	0,2	134668	46 XY	XY,+1,+3,+6,+7,+9,+12,+17,-14,-16,-X,-Y	0,191	108079	46 XY

Res_rep3.20-80.B13-CP4	0,191	134629	46 XY	XY,+1,+2,+3,+7,+9,+12,+17,+21,-14,-Y	0,181	111294	30% X0, +21, -14 / XY
Res_rep3.30-70.B13-CP4	0,187	134692	46 XY	XY,+1,+12,+17,+21,-8,-14,-20,-X,-Y	0,182	114171	XY / 30% +21 / 40% -14
Res_rep3.40-60.B13-CP4	0,167	134913	46 XY	XY,+1,+2,+5,+6,+7,+12,+21,-14,-18,-X,-Y	0,156	116723	XY / 40% +21 / 50% -14
Res_rep3.50-50.B13-CP4	0,177	134837	45 XY, -14	XY,+1,+3,+17,+21,-14,-X,-Y	0,172	118798	XY / 50% +21, -14
Res_rep3.60-40.B13-CP4	0,174	134944	46 XY, +22, -14	XY,+1,+2,+3,+5,+6,+7,+8,+11,+12,+13,+15,+17,+21,-14,-Y	0,165	120572	XY / 60% +21, -14
Res_rep3.70-30.B13-CP4	0,17	134314	46 XY, +22, -14	XY,+1,+6,+21,-14,-Y	0,164	121179	XY / 70% +21 / 80% -14
Res_rep3.80-20.B13-CP4	0,166	134510	46 XY, +22, -14	XY,+1,+21,-14,-Y	0,164	122256	XY / 80% +2, -14
Res_rep3.90-10.B13-CP4	0,164	134606	46 XY, +22, -14	XY,+1,+2,+3,+4,+6,+8,+11,+15,+16,+21,-14	0,16	122701	XY / 90% +21, -14
Res_rep1.10-90.B4-CP7	0,189	104331	46 XX	XX,+3,+4,+6,+9,+14,+15,+19,-12,-22,-X	0,186	92793	XXY/ 10% +3, +14,+19 / 20% -22
Res_rep1.20-80.B4-CP7	0,188	104208	46 XX	XX,+3,+4,+6,+9,+14,+15,+17,+18,+19,-1,-12,-22,-X	0,191	93144	XXY / 20% +14, -1, -12, -22
Res_rep1.30-70.B4-CP7	0,183	103914	46 XX	XX,+2,+3,+4,+56,+7,+8,+9,+10,+13,+14,+15,+16,+17,+18,+19,-1,-5,-12,-22,-X	0,181	93030	XXY / 30% +14, -1, -12 / 40% -22

Res_rep1.40-60.B4-CP7	0,186	103541	46 XX	XX,+3,+6,+9,+10,+14,+15,+16,+19,+20,-1,-12,-22,-X	0,185	92790	XXY / 40% +14, -1, -12, -22
Res_rep1.50-50.B4-CP7	0,189	103924	47 XX, +14	XX,+2,+3,+4,+5,+6,+7,+8,+9,+10,+14,+15,+16,+17,+18,+19,+20,+21,-1,-12,-22,-X	0,192	92689	XXY / 50% +14, -1, -12, -22
Res_rep1.60-40.B4-CP7	0,192	103868	45XX, -1p, +14, -12, -22	XX,+2,+3,+6,+10,+14,+15,+16,+17,+19,+20,-1,-12,-22	0,189	92016	XXY / 60% +14, -1, -12 / 70% -22
Res_rep1.70-30.B4-CP7	0,203	103930	44 XX, +14, -1, -12, -22	XX,+2,+3,+4,+6,+7,+8,+9,+10,+13,+14,+15,+16,+17,+18,+19,+20,-1,-12,-22	0,199	91131	XXY / 70% +14, -1, -12, -22
Res_rep1.80-20.B4-CP7	0,194	103850	44 XX, +14, -1, -12, -22	XX,+2,+3,+4,+5,+6,+7,+8,+9,+10,+14,+16,+17,+18,+19,+20,-1,-12,-22	0,192	90098	XXY / 80% +14, -1, -12, -22
Res_rep1.90-10.B4-CP7	0,203	103559	44 XX, +14, -1, -12, -22	XX,+3,+6,+7,+10,+14,+16,+17,+19,+20,-1,-12,-22,-X	0,204	88419	XXY / 90% +14, -1, -12, -22
Res_rep2.10-90.B4-CP7	0,19	104163	46 XX	XX,+3,+4,+6,+9,+14,+15,+17,+18,+19,+21,-12,-22,-X	0,18	92860	XXY/ 10% +3, +14,+19 / 20% -22
Res_rep2.20-80.B4-CP7	0,189	104355	46 XX	XX,+3,+4,+6,+7,+9,+10,+14,+15,+19,+20.-1.-12.-22,-X	0,189	93120	XXY / 20% +14, -1, -12, -22
Res_rep2.30-70.B4-CP7	0,179	100562	46 XX	XX,+2,+3,+4,+6,+7,+8,+9,+10,+14,+15,+16,+17,+19,+20,-1,-12,-22	0,179	93643	XXY / 30% +14, -1, -12, -22

Res_rep2.40-60.B4-CP7	0,192	103776	46 XX	XX,+3,+7,+9,+10,+14,+16,+17,+19,+20,-1,-5,-12,-22,-X	0,18	92848	XXY / 40% +14, -1, -12 / 50% -22
Res_rep2.50-50.B4-CP7	0,199	103718	47 XX, +14	XX,+2,+3,+4,+5,+6,+7,+8,+9,+10,+11,+13,+14,+15,+16,+17,+18,+19,+20,+21,-1,-12,-22	0,199	92443	XXY / 50% +14, -1, -12, -22
Res_rep2.60-40.B4-CP7	0,193	103611	45XX, -1p, +14, -12, -22	XX,+3,+10,+14,+16,+17,+19,+20,+21,-1,-12,-22	0,189	91733	XXY / 60% +14, -1, -12 / 70% -22
Res_rep2.70-30.B4-CP7	0,199	103998	44 XX, +14, -1, -12, -22	XX,+3,+7,+9,+10,+14,+15,+16,+17,+18,+19,+20,-1,-12,-22,-X	0,196	90962	XXY / 70% +14, -1, -12, -22
Res_rep2.80-20.B4-CP7	0,206	104256	44 XX, +14, -1, -12, -22	XX,+3,+6,+7,+8,+10,+14,+16,+18,+19,-1,-12,-22,-X	0,198	89872	XXY / 80% +14, -1, -12, -22
Res_rep2.90-10.B4-CP7	0,207	103654	44 XX, +14, -1, -12, -22	XX,+3,+5,+6,+7,+10,+14,+15,+16,+17,+19,+20,-1,-12,-22,-X	0,199	88461	XXY -22 / 90% +14, -1, -12
Res_rep3.10-90.B4-CP7	0,194	104494	46 XX	XX,+3,+4,+6,+7,+8,+9,+10,+13,+14,+15,+18,+19,+22,+X	0,192	92873	XXY/ 10% +14,+19 / 20 % -22
Res_rep3.20-80.B4-CP7	0,186	104490	46 XX	XX,+3,+4,+6,+9,+10,+14,+15,+16,+19,-1,-12,-22,-X	0,19	93368	XXY / 20% +3, +19, 30% +14, 10% -1, -12
Res_rep3.30-70.B4-CP7	0,191	104074	46 XX	XX,+2,+3,+4,+6,+7,+9,+10,+11,+14,+15,+16,+17,+18,+19,+20,-1,-12,-22,-X	0,188	93311	XXY / 30% +14, -1, -12 / 40% -22

Res_rep3.40-60.B4-CP7	0,185	104190	46 XX	XX,+3,+7,+10,+14,+17,+19,-1,-5,-12,-22,-X	0,181	93189	XXY / 40% +14, -1, -12, -22
Res_rep3.50-50.B4-CP7	0,194	103821	46 XX, +14, -22	XX,+2,+3,+6,+7,+8,+9,+10,+14,+15,+16,+17,+19,+20,-1,-12,-22	0,192	92618	XXY / 50% +14, -1, -12 / 60% -22
Res_rep3.60-40.B4-CP7	0,202	103711	45XX, -1p, +14, -12, -22	XX,+3,+6,+7,+9,+10,+14,+15,+16,+17,+19,-1,-12,-X	0,197	91735	XXY / 60% +14, -1, -12 / 70% -22
Res_rep3.70-30.B4-CP7	0,199	104041	44 XX, +14, -1, -12, -22	XX,+3,+6,+7,+10,+14,+16,+17,+19,+20,-1,-12,-22,-X	0,191	91260	XXY / 70% +14, -1, -12, -22
Res_rep3.80-20.B4-CP7	0,193	104018	44 XX, +14, -1, -12, -22	XX,+10,+14,+16,+19,+20,-1,-11,-12,-22,-X	0,194	90180	XXY / 80% +14, -1, -12, -22
Res_rep3.90-10.B4-CP7	0,194	103714	44 XX, +14, -1, -12, -22	XX,+3,+6,+7,+9,+10,+14,+16,+17,+19,+20,-1,-12,-22,-X	0,191	88472	XXY / 90% +14, -1, -12, -22
Res_rep1.10-90.B5-CP7	0,163	165068	46 XY	XY,+1,+3,+4,+5,+10,+12,+14,+16,+18,+21,+X,-1,-11,-Y	0,156	166233	XY / 20% +3 / 10% +10, +12 / 30% dup 1p
Res_rep1.20-80.B5-CP7	0,162	165078	46 XY	XY,+1,+3,+10,+12,+X,-1,-6,-11,-2,-Y	0,149	166325	XY / 20% del 1q, 70% dup 1p
Res_rep1.30-70.B5-CP7	0,171	165271	46 XY	XY,+1,+2,+3,+5,+9,+10,+12,+16,+18,+21,+X,-1,-11,-Y	0,167	166624	XY dup 1p / 30% del 1q
Res_rep1.40-60.B5-CP7	0,169	164605	46 XY	XY,+1,+2,+3,+4,+5,+9,+10,+12,+14,+20,+X,-1,-11,-Y	0,171	165975	XY dup 1p / 40% del 1q
Res_rep1.50-50.B5-CP7	0,181	164865	46 XY, +1q	XY,+1,+3,+12,+21,+X,-1,-6,-8,-11,-17,-22,-Y	0,174	166378	XY dup 1p / 50% del 1q

Res_rep1.60-40.B5-CP7	0,172	164717	46 XY, +1q, -1p	XY,+1,+3,+5,+9,+12,+X,-1,-6,-8,-11,-2,-Y	0,172	166422	XY dup 1p / 60% del 1q
Res_rep1.70-30.B5-CP7	0,181	165995	46 XY, +1q, -1p	XY,+1,+3,+5,+9,+1,+15,+X,-1,-22,-Y	0,173	166737	XY dup 1p / 60% del 1q
Res_rep1.80-20.B5-CP7	0,193	165236	46 XY, +1q, -1p	XY,+1,+3,+4,+5,+9,+12,+14,+15,+X,-1,-22,-Y	0,186	166475	XY dup 1p / 60% del 1q
Res_rep1.90-10.B5-CP7	0,197	164985	46 XY, +1q, -1p	XY,+1,+3,+5,+9,+X,-1,-6,-7,-10,-17,-18,-22,-Y	0,19	166797	XY dup 1p / 70% del 1q
Res_rep2.10-90.B5-CP7	0,17	164973	46 XY	XY,+1,+3,+10,+12,+X,-1,-7,-11,-15,-Y	0,164	166121	XY / 30% dup 1p
Res_rep2.20-80.B5-CP7	0,161	164986	46 XY	XY,+1,+3,+12,+16,+21,+X,-1,-88,-11,-Y	0,16	166206	XY / 20% del 1q / 70% dup 1p
Res_rep2.30-70.B5-CP7	0,16	165285	46 XY	XY,+1,+3,+10,+X,-1,-8,-11,-Y	0,151	166670	XY dup 1p / 30% del 1q
Res_rep2.40-60.B5-CP7	0,164	165323	46 XY	XY,+1,+2,+3,+4,+5,+9,+12,+14,+16,+18,+20,+21,+X,-1,-Y	0,156	166776	XY dup 1p / 40% del 1q
Res_rep2.50-50.B5-CP7	0,17	164620	46 XY, +1q	XY,+1,+3,+4,+5,+9,+12,+X,-1,-Y	0,172	166075	XY dup 1p / 50% del 1q
Res_rep2.60-40.B5-CP7	0,177	165034	46 XY, +1q, -1p	XY,+1,+3,+5,+9,+12,+20,+X,-1,-17,-22,-Y	0,172	166570	XY dup 1p / 60% del 1q
Res_rep2.70-30.B5-CP7	0,187	164800	46 XY, +1q, -1p	XY,+1,+3,+4,+5,+9,+12,+15,+X,-1,-6,-17,-19,-22,-Y	0,179	166472	XY dup 1p / 60% del 1q

Res_rep2.80-20.B5-CP7	0,184	164762	46 XY, +1q, -1p	XY,+1,+2,+3,+4,+5,+9,+12,+14,+15,+20,+X,-1,-Y	0,179	166543	XY dup 1p / 60% del 1q
Res_rep2.90-10.B5-CP7	0,194	164711	46 XY, +1q, -1p	XY,+1,+2,+3,+4,+5,+8,+9,+12,+14,+15,+20,+X,-1,-22,-Y	0,196	166595	XY dup 1p / 70% del 1q
Res_rep3.10-90.B5-CP7	0,174	164727	46 XY	XY,+1,+3,+4,+5,+10,+12,+14,+16,+18,+21,+X,-1,-11,-Y	0,166	165910	XY / 10% +3 / 30% dup 1p
Res_rep3.20-80.B5-CP7	0,168	165136	46 XY	XY,+1,+3,+10,+12,+X,-1,-6,-11,-2,-Y	0,166	166383	XY / 20% del 1q / 70% dup 1p
Res_rep3.30-70.B5-CP7	0,173	165345	46 XY	XY,+1,+2,+3,+5,+9,+10,+12,+16,+18,+21,+X,-1,-11,-Y	0,171	166731	XY dup 1p / 30% del 1q
Res_rep3.40-60.B5-CP7	0,167	164922	46 XY	XY,+1,+2,+3,+4,+5,+9,+10,+12,+14,+20,+X,-1,-11,-Y	0,164	166313	XY dup 1p / 40% del 1q
Res_rep3.50-50.B5-CP7	0,175	165117	46 XY, +1q	XY,+1,+3,+12,+21,+X,-1,-6,-8,-11,-17,-22,-Y	0,17	166604	XY dup 1p / 50% del 1q
Res_rep3.60-40.B5-CP7	0,188	164717	46 XY, +1q	XY,+1,+3,+5,+9,+12,+X,-1,-6,-8,-11,-22,-Y	0,179	166361	XY dup 1p / 60% del 1q
Res_rep3.70-30.B5-CP7	0,186	164958	46 XY, +1q, -1p	XY,+1,+3,+5,+9,+12,+15,+X,-1,-22,-Y	0,18	167032	XY dup 1p / 70% del 1q
Res_rep3.80-20.B5-CP7	0,183	165023	46 XY, +1q, -1p	XY,+1,+3,+4,+5,+9,+12,+14,+15,+X,-1,-22,-Y	0,181	166479	XY dup 1p / 60% del 1q
Res_rep3.90-10.B5-CP7	0,198	164904	46 XY, +1q, -1p	XY,+1,+3,+5,+9,+X,-1,-6,-7,-10,-17,-18,-22,-Y	0,192	166743	XY dup 1p / 70% del 1q