Supplementary data

This file shows the Embryo ID and corresponding breaking points of a gained (+) or lost (-) segment per chromosome. Asterisked embryos (n=159) refers to those blastocysts diagnosed as a carriers of a single segmental aneuploidy.

|  |  |  |
| --- | --- | --- |
| **Embryo ID** | **SEGMENT** |  |
| **1** |  **+3q24q29** |  |
| **2** |  **+3q24q29** |  |
| **3** |  **-5q33.3q35.3** |  |
| **4** |  **-1p36.33p13.2** | \* |
| **5** |  **-7q21.12q36.3** |  |
| **6** |  **-16p13.3p11.2** |  |
| **7** |  **-3q13.32q29** | \* |
| **8** |  **-1p36.33p34.2** | \* |
| **9** |  **-7q12-q44**  |  |
| **10** |  **+1p36.33p31.1** |  |
| **11** |  **+1q23.2q44** |  |
| **12** |  **+1q21.2q44** | \* |
| **13** |  **+1q21.1q44** | \* |
| **14** |  **-2p25.3q22.1** |  |
| **15** |  **-2q11.1q37.3** | \* |
| **16** |  **+2p23p25** | \* |
| **17** |  **+2q23.1q37.3** |  |
| **18** |  **-3p26.3p24.1** | \* |
| **19** |  **-3q11.1q29** | \* |
| **20** |  **-3q11.1q26.33** |  |
| **21** |  **+3p26.3p21.31** | \* |
| **22** |  **+3p26.3p24.2** |  |
| **23** |  **+3q11.1q29** | \* |
| **24** |  **-4q33q35.2** | \* |
| **25** |  **-4q31.1q35.2** | \* |
| **26** |  **-4q28.1q35.2** |  |
| **27** |  **-4q28.1q35.2** |  |
| **28** |  **-5q11.1q23.1** |  |
| **29** |  **-5p15.33p13.2** |  |
| **30** |  **-5q14.3q35.3** |  |
| **31** |  **-5q13.3q35.3** | \* |
| **32** |  **+5q11.1q35.3** | \* |
| **33** |  **+5p15.33p13.2** | \* |
| **34** |  **+5q15q35.3** |  |
| **35** |  **+5q15q35.3** |  |
| **36** |  **+5q14.3q35.2** |  |
| **37** |  **+6q16.1q27** |  |
| **38** |  **+7p21.3p22** | \* |
| **39** |  **+7q31.1q36.3** | \* |
| **40** |  **-9q21.11q34.3** |  |
| **41** |  **+9p24.3p13.1** |  |
| **42** |  **+9p24.3p13.1** |  |
| **43** |  **-12q21.2q34.3** | \* |
| **44** |  **+9q21.11q34.3** | \* |
| **45** |  **+9q21.11q34.3** |  |
| **46** |  **+9q21.11q34.3** | \* |
| **47** |  **+9q21.11q34.3** |  |
| **48** |  **+9q21.11q34.3** | \* |
| **49** |  **+9q21.11q34.3** | \* |
| **50** |  **+9q21.11q34.3** | \* |
| **51** |  **+10p15.3q11.22** |  |
| **52** |  **-11p15.5p12** | \* |
| **53** |  **-11q14.2q25** | \* |
| **54** |  **+11p15.5p11.12** | \* |
| **55** |  **+11q14.2q25** |  |
| **56** |  **-12p13.33p12.3** | \* |
| **57** |  **+12q21.1q24.33** | \* |
| **58** |  **-13q22.2q34** |  |
| **59** |  **+13q14.2q34** |  |
| **60** |  **+19q11q13.43** |  |
| **61** |  **-Xp11.4p11.21** | \* |
| **62** |  **-Xq21.32q28** | \* |
| **63** |  **+Xq22.1q26.3** |  |
| **64** |  **-1q41q44** | \* |
| **65** |  **-1q42.12q44** | \* |
| **66** |  **+1q21.1q44** |  |
| **67** |  **-2q11.1q37.3** | \* |
| **68** |  **-2q35q37.3** | \* |
| **69** |  **+2p25.3p24.1** | \* |
| **70** |  **+3q22.3q29** |  |
| **71** |  **-4q34.1q35.2** | \* |
| **72** |  **-4q32.1q35.2** | \* |
| **73** |  **+4q24q35.2** | \* |
| **74** |  **+4q24q35.2** |  |
| **75** |  **-5p15.33p13.2** | \* |
| **76** |  **-7q21.12q36.3** | \* |
| **77** |  **-8q21.13q24.3** | \* |
| **78** |  **-9p24.3p12** |  |
| **79** |  **+9q21.11q34.3** | \* |
| **80** |  **+9q21.11q34.3** | \* |
| **81** |  **-10p15.3p11.1** | \* |
| **82** |  **-11p15.5p11.12** |  |
| **83** |  **+11q11q25** | \* |
| **84** |  **-12p13.33p11.1** | \* |
| **85** |  **+12p13.33p11.1** | \* |
| **86** |  **+14q24.3q32.33** | \* |
| **87** |  **-1q21.2q44** |  |
| **88** |  **+1q21.1q44** | \* |
| **89** |  **+1q21.1q44** |  |
| **90** |  **-2q14.3q33.1** |  |
| **91** |  **-3q25.2q29** | \* |
| **92** |  **-3q24q29** |  |
| **93** |  **+3p26.3p11.1** | \* |
| **94** |  **+3p26.3p25.1** |  |
| **95** |  **-4p16.3p11** | \* |
| **96** |  **+5p15.33q14.3** |  |
| **97** |  **+6q14.1q27** |  |
| **98** |  **-7q31.31q36.3** | \* |
| **99** |  **+7q22.1q36.3** | \* |
| **100** |  **+7q11.21q36.3** |  |
| **101** |  **+7q11.21q36.3** | \* |
| **102** |  **+7q21.2q36.3** |  |
| **103** |  **-9p24.3p12** |  |
| **104** |  **-9p24.3p21.3** | \* |
| **105** |  **+9p24.3p13.1** | \* |
| **106** |  **+9p24.3p13.1** | \* |
| **107** |  **-10q24.1q26.3** |  |
| **108** |  **+10p15.3p11.1** | \* |
| **109** |  **-11q13.3q25** |  |
| **110** |  **+11p15.5p11.12** |  |
| **111** |  **-7p15.5p13** | \* |
| **112** |  **-12p13.33p11.1** | \* |
| **113** |  **+12q11q24.33** | \* |
| **114** |  **-13q21.1q34** | \* |
| **115** |  **-16q11.2q24.3** | \* |
| **116** |  **+16p13.3p11.2** | \* |
| **117** |  **+16q11.2q24.3** | \* |
| **118** |  **+16q21q24.3** | \* |
| **119** |  **+16q11.2q24.3** | \* |
| **120** |  **-17p13.3p11.2** | \* |
| **121** |  **-20p13p11.1** | \* |
| **122** |  **-1p36.33p13.2** | \* |
| **123** |  **-1q23.1q44** | \* |
| **124** |  **-2p25.3p15** | \* |
| **125** |  **-2p25.3p16.3** |  |
| **126** |  **-2q31.1q34** |  |
| **127** |  **-2q33.1q37.3** | \* |
| **128** |  **-2q13q37.3** | \* |
| **129** |  **+2q32.2q37.3** |  |
| **130** |  **+2q33.1q37.3** |  |
| **131** |  **-3q26.2q29** |  |
| **132** |  **-3q25.2q29** | \* |
| **133** |  **+3p26.3p11.1** | \* |
| **134** |  **+3p26.3p11.1** |  |
| **135** |  **-4q25q35.2** | \* |
| **136** |  **-4q31.3q35.2** | \* |
| **137** |  **+4p16.3p11** | \* |
| **138** |  **+4q32.2q35.2** |  |
| **139** |  **-5q12.3q35.3** |  |
| **140** |  **-5q11.1q35.3** |  |
| **141** |  **-5q11.1q35.3** | \* |
| **142** |  **+5q31.1q35.3** |  |
| **143** |  **-6p25.3p22.3** | \* |
| **144** |  **-6p22.3p15.3** | \* |
| **145** |  **-6q13q27** | \* |
| **146** |  **+6p25.3q16.1** |  |
| **147** |  **+6q22.31q27** | \* |
| **148** |  **-7p22.3p11.1** | \* |
| **149** |  **-7q21.11q36.3** |  |
| **150** |  **+7p22.3p11.1** |  |
| **151** |  **+9p24.3p21.1** | \* |
| **152** |  **+9q21.11q34.3** |  |
| **153** |  **-10p11.23p15.3** | \* |
| **154** |  **-10q24.32q26.3** | \* |
| **155** |  **-10q11.21q26.3** | \* |
| **156** |  **-11p15.5p14.3** | \* |
| **157** |  **-11p15.5p11.2** | \* |
| **158** |  **+11p15.5p11.12** |  |
| **159** |  **+13q31.1q34** | \* |
| **160** |  **+13q31.1q34** | \* |
| **161** |  **-14q23.3q32.33** | \* |
| **162** |  **-14q31.3q32.33** | \* |
| **163** |  **-15q24.3q26.3** | \* |
| **164** |  **-16p13.3p13.12** | \* |
| **165** |  **-16q11.2q24.3** |  |
| **166** |  **+16p13.3p11.1** | \* |
| **167** |  **-17q21.31q25.3** | \* |
| **168** |  **+18p11.32p11.1** | \* |
| **169** |  **+20p13p12.1** |  |
| **170** |  **+20q11.21q13.33** |  |
| **171** |  **-7q24q28** |  |
| **172** |  **+3p26.3p25.2** | \* |
| **173** |  **+3q11.1q25.1** | \* |
| **174** |  **+4q28.3q35.2** | \* |
| **175** |  **-5q11.2q35.3** | \* |
| **176** |  **-10q23.33q26.3** | \* |
| **177** |  **-14q21.2q32.33** |  |
| **178** |  **+7p22.3p15.2** |  |
| **179** |  **-13q13.1q21.33** | \* |
| **180** |  **-1q41q44** | \* |
| **181** |  **+11q11q25** |  |
| **182** |  **-7p22.3p11.1** |  |
| **183** |  **+20p13p11.1** |  |
| **184** |  **-1p36.33p32.1** |  |
| **185** |  **-1p36.33p31.3** |  |
| **186** |  **-1q21.2q44** | \* |
| **187** |  **+1q21.1q44** |  |
| **188** |  **+1q21.1q44** | \* |
| **189** |  **-2p25.3p13.1** |  |
| **190** |  **-2p25.3p22.1** |  |
| **191** |  **-2p11p25.1** | \* |
| **192** |  **-2q21.1q37.3** |  |
| **193** |  **-2q11.1q37.3** | \* |
| **194** |  **+2q33.1q37.3** | \* |
| **195** |  **-4q31.23q35.2** | \* |
| **196** |  **+4p15.2p16.3** | \* |
| **197** |  **+4q28.3q35.2** | \* |
| **198** |  **+4q11q35.2** | \* |
| **199** |  **+5q31.2q35.3** | \* |
| **200** |  **+5q23.3q35.3** | \* |
| **201** |  **+5q11.1q35.3** | \* |
| **202** |  **-6p25.3p22.3** | \* |
| **203** |  **+6q15q27** |  |
| **204** |  **+6q13q27** | \* |
| **205** |  **+6q16.1q27** |  |
| **206** |  **+6q14.3q27** |  |
| **207** |  **-7q33q36.3** |  |
| **208** |  **+7q22.3q36.3** |  |
| **209** |  **-8q23.3q24.3** | \* |
| **210** |  **-8q21.2q24.3** | \* |
| **211** |  **+8p23.3p11.1** |  |
| **212** |  **+8q21.2q24.3** | \* |
| **213** |  **+8q11.1q24.3** |  |
| **214** |  **+8q13.1q24.3** | \* |
| **215** |  **-9p24.3p22.1** |  |
| **216** |  **-9q31.2q34.3** |  |
| **217** |  **-11p12q25** |  |
| **218** |  **+11p15.5p11.12** |  |
| **219** |  **-12p13.33p11.1** |  |
| **220** |  **+12p13.33q14.1** |  |
| **221** |  **-15q22.2q26.3** |  |
| **222** |  **+16q11.2q24.3** |  |
| **223** |  **+17p13.3p12** |  |
| **224** |  **-Xq11.1q28** | \* |
| **225** |  **-1p13.3p36** | \* |
| **226** |  **-1q32.1q44** | \* |
| **227** |  **+1q21.1q44** | \* |
| **228** |  **-2p25.3p13.3** | \* |
| **229** |  **-2p25.3p11.2** |  |
| **230** |  **-2q11.1q37.3** |  |
| **231** |  **-2q31.1q37.3** |  |
| **232** |  **-4p16.3p14** |  |
| **233** |  **-4q13.1q35.2** | \* |
| **234** |  **-4q32.3q35.2** | \* |
| **235** |  **-5q21.2q35.3** | \* |
| **236** |  **+5q11.1q35.3** | \* |
| **237** |  **+6q23.3q27** | \* |
| **238** |  **+6q16.3q27** | \* |
| **239** |  **+7q21.2q36.3** | \* |
| **240** |  **+8q23.1q24.3** |  |
| **241** |  **-9q21.11q34.3** | \* |
| **242** |  **+9q21.11q34.3** |  |
| **243** |  **-10p15.3p12.2** |  |
| **244** |  **-10q22.3q26.3** | \* |
| **245** |  **+11q14.3q25** |  |
| **246** |  **-12q21.31q24.33** | \* |
| **247** |  **+12q22q24.33** | \* |
| **248** |  **+12q23.1q24.33** |  |
| **249** |  **-17q22q25.3** |  |
| **250** |  **+18p11.32p11.1** |  |
| **251** |  **-20p13p11.1** |  |
| **252** |  **-1q21.1q44** |  |
| **253** |  **+1q21.1q44** | \* |
| **254** |  **-2q21.1q37.3** | \* |
| **255** |  **+2q13q37.3** |  |
| **256** |  **-5p15.33p13.2** | \* |
| **257** |  **-7p22.3p11.1** | \* |
| **258** |  **+8q21.3q24.3** | \* |
| **259** |  **+6q21.11q34.3** | \* |
| **260** |  **+9q21.11q34.3** | \* |
| **261** |  **-10q11.23q26.3** | \* |
| **262** |  **+10q11.22q26.3** |  |
| **263** |  **-11p15.5p11.12** |  |
| **264** |  **+11p15.5p11.12** |  |
| **265** |  **+11q14.3q25** | \* |
| **266** |  **-2q12.1q37.3** |  |
| **267** |  **+2p25.3p22.2** | \* |
| **268** |  **-4q28.3q35.2** | \* |
| **269** |  **-5p15.33p11** | \* |
| **270** |  **-7q31.1q36.3** |  |
| **271** |  **-7q32.1q36.3** | \* |
| **272** |  **-9p24.3p21.2** | \* |
| **273** |  **+11q23.3q25** | \* |
| **274** |  **-7p22.3q22.1** |  |
| **275** |  **-6p25.3p21.31** |  |
| **276** |  **-6q14q27** |  |
| **277** |  **+1q32.1q44** |  |
| **278** |  **+5q21.3q35.3** |  |
| **279** |  **-18q12.1q23** |  |
| **280** |  **-1q25.3q44** |  |
| **281** |  **-5q23.1q35.3** |  |
| **282** |  **-4p16.3p16.1** |  |
| **283** |  **+1q32.1q44** |  |
| **284** |  **+Xp22.33p21.3** |  |
| **285** |  **-6q13q27** |  |
| **286** |  **-4q34.2q35.2** |  |
| **287** |  **+9q21.11q34.3** |  |
| **288** |  **-5q14.1q35.3** |  |
| **289** |  **+9p24.3p13.1** |  |
| **290** |  **+3p26.3p22.3** |  |
| **291** |  **+1p36.33p31.1** |  |
| **292** |  **+11q13.3q25** |  |
| **293** |  **-6q26q27** |  |
| **294** |  **+6q21q25.3** |  |
| **295** |  **-1p36.33p35.3** |  |
| **296** |  **-6q11.1q27** | \* |