

## **Genpanel - Disorders of sex development v.66 - DSD 111 gener**

*AKR1C2, AKR1C3, ALDOA, AMH, AMHR2, ANOS1, AR, ARX, ATF3, ATRX, BMP15, BMP4, BMP7, BRAF, C14orf39, CBX2, CHD7, CYB5A, CYP11A1, CYP11B1, CYP11B2, CYP17A1, CYP19A1, CYP21A2, DHCR7, DHH, DHX37, DMRT1, DMRT2, DUSP6, EMX2, ERAL1, ESR1, ESR2, FGD1, FGF17, FGFR1, FGFR2, FKBP4, FLRT3, FOXL2, FRAS1, FREM2, FSHB, FSHR, GATA4, GNRH1, GNRHR, GRIP1, HHAT, HNF1B, HOXA13, HOXA4, HOXB6, HS6ST1, HSD17B3, HSD17B4, HSD3B2, IL17RD, INSL3, KISS1, KISS1R, LHB, LHCGR, LHX1, LHX3, LHX9, MAMLD1, MAP3K1, MID1, MYRF, NROB1, NR2F2, NR3C1, NR5A1, NSMF, NUP107, PCDH17, PCSK1, POR, PPP1R12A, PROK2, PROKR2, PROP1, RIPK4, RPL10, RSPO1, SAMD9, SEMA3A, SGPL1, SOX10, SOX2, SOX3, SOX8, SOX9, SPRY4, SRD5A2, SRY, STAG3, STAR, STS, TAC3, TACR3, TCF12, TSPYL1, VAMP7, WDR11, WNT4, WT1, WWOX, ZFPM2*