



Description	# of Genes	Genes/Regions
<b>FEMALE PANEL</b>		
<b>Premature Ovarian Insufficiency/Ovarian Dysfunction</b>		
Includes the genes most commonly associated with premature ovarian insufficiency and other forms of ovarian dysfunction.	17	BMP15 CYP17A1 CYP19A1 FMR1 FOXL2 FSHB FSHR GALT GDF9 GNAS GNRHR KISS1R LHCGR NOBOX NR5A1 STAG3 ZP1
<b>Emerging Evidence Genes</b>		
Add-on genes for which there is initial evidence that mutations in these genes may be related to premature ovarian insufficiency and other forms of ovarian dysfunction.	8	EIF2B2 EIF2B3 FIGLA LHB POF1B POLG PSMC3IP WT1
<b>Polycystic Ovary Syndrome</b>		
Includes the genes most commonly associated with an increased risk for polycystic ovary syndrome.	7	CAPN10 CYP11A1 DENND1A FSHR GDF9 LHCGR THADA
<b>Emerging Evidence Genes</b>		
Add-on genes for which there is initial evidence that mutations in these genes may be related to an increased of polycystic ovary syndrome.	8	CYP17A1 GNRH1 INS INSR IRS1 IRS2 KISS1 TACR3
<b>Ovarian Hyperstimulation Syndrome</b>		
Includes the gene associated with spontaneous and atypical response to ovarian hyperstimulation.	1	FSHR
<b>Thrombophilia-Related Recurrent Pregnancy Loss</b>		
Includes the genes most commonly associated with inherited thrombophilia.	5	F2 F5 PROC PROS1 SERPINC1
<b>Emerging Evidence Genes</b>		
Add-on genes for which there is initial evidence that mutations in these genes may be related to inherited thrombophilia.	33	ACE CBS CPB2 F10 F11 F12 F13A1 F13B F2R F3 F7 F8 F9 FGA FGB GP1BA GP1BB GP5 GP9 ITGA2 ITGB3 KLKB1 MTHFR MTR MTRR PLAT PLAUR PLG PROCR SERPINE1 SERPINF1 TFPI THBD
<b>Sex Chromosome Aneuploidy</b>		
Assays the sex chromosomes for aneuploidy.		Sex Chromosomes

Description	# of Genes	Genes/Regions
<b>MALE PANEL</b>		
<b>Y-Chromosome Microdeletions</b>		
Analyzes the Y chromosome for microdeletions associated with male factor infertility.		AZF Region of the Y Chromosome
<b>Congenital Absence of the Vas Deferens</b>		
Analyzes the CFTR gene, including poly-T tract analysis.	1	CFTR
<b>Other Male Factor Infertility</b>		
Includes the genes most commonly associated with oligospermia and azoospermia, as well as other forms of male factor infertility.	9	AR AURKC CATSPER1 DPY19L2 FSHB FSHR LHCGR SRY USP9Y
<b>Emerging Evidence Genes</b>		
Add-on genes for which there is initial evidence that mutations in these genes may be related to an increased risk of other male factor infertility.	10	CATSPER2 DAZL DDX25 LHB NR5A1 PRDM9 PRM1 USP26
<b>Sex Chromosome Aneuploidy</b>		
Assays the sex chromosomes for aneuploidy		Sex Chromosomes