



PATIENT INFORM	ATION			REFERRAL I	NFORM	ATION	
NAME JANE DOE				CLINIC NAME CLINIC X			
ETHNICITY ETHNICITY X				CLINIC ID XXXX			
DATE OF BIRTH XX/XX/XXXX	DATE OF BIRTH			REFERRING CL Dr. XXXX	INICIAN		
TEST INDICATIONS XXXXXXXX			CLINIC EMAIL XXXXXX@email	.com			
SAMPLE INFORM	ATION						
ORDER NUMBER XXXX		LAB NUMBER XXXX		DATE OF COLLE XX/XX/XXXX	ECTION	DATE REC XX/XX/XX	
RODINIA INFERTIL	LITY TEST						
PANEL SELECTED)* FE	EMALE INFER	TILIT	Y PANEL 🛛	MA	LE INFER	TILITY PANEL
ADD-ON PANEL SELECTED	Y	ES 🗆	NC				
TEST RESULTS							
TEST RESULTS							
Clinically Signif				Detected			
	RUCTURAI	ABNORMAL	ITIES				
Clinically Signif	RUCTURAI	ABNORMAL	ITIES	Detected	ed		
Clinically Signif	RUCTURAL No numer VA	ABNORMAL	ITIES al abro AN			ENE	INHERITANCE
Clinically Signif NUMERICAL / STF RESULTS	RUCTURAL No numer VA DET ENSTOOD	ABNORMAL	ITIES al abro AN	ormalities detect	G	ENE	INHERITANCE Autosomal Dominant
Clinically Signif NUMERICAL / STF RESULTS ZYGOSITY	RUCTURAL No numer VA DET ENSTOOO	ABNORMAL rical or structura RIANT ECTED	ITIES al abro AN	ormalities detect MINO ACID CHANGE	G		Autosomal

CCREDITED Construction Construction





Bo montheadforts Barbook, Madadines is Boogano encounced in to extending production and bara base accorded will another and produces including include dependent distortion coefficies and polycyclic costs another and Booganowic Relationship costs and PCDD is a bornsonal discussion cost and polycyclic costs and approximate ago Microsovic eds. PCDD reactive produces (PCDD) is a bornsonal discussion, consense another and accord and approximate ago Microsovic eds. PCDD reactive produces (PCDD) is a bornsonal discussion particular, consense another and the ago Microsovic eds. PCDD reactive produces (PCDD) is a bornsonal discussion of the ago Microsovic eds. PCDD reactive produces (PCDD) is a bornsonal discussion of the ago Microsovic eds. PCDD reactive produces (PCDD) is a bornsonal discussion of the ago Microsovic eds. PCDD reactive produces (PCDD) is a bornsonal discussion of the ago Microsovic eds. PCDD reactive produces (PCDD) is a bornsonal discussion of the ago Microsovic eds. PCDD reactive produces (PCDD) is a bornsonal discussion of the ago Microsovic eds. PCDD reactive produces (PCDD) is a bornsonal of the ago Microsovic eds. PCDD reactive produces (PCDD) is a bornsonal of the ago Microsovic eds. PCDD reactive produces (PCDD) is a bornsonal of the ago Microsovic eds. PCDD reactive produces (PCDD) is a bornsonal of the ago Microsovic eds. PCDD reactive produces (PCDD) is a bornsonal of the ago Microsovic eds. PCDD reactive produces (PCDD) is a bornsonal of the ago Microsovic eds. PCDD reactive produces (PCDD) is a bornson (PCDD) is a bornson a research (PCDD) and provide microsovic field (Microsovic eds. and Field and Microsovic eds. Ago (PCD) is a a research (PCD) and (PCD) and provide microsovic field (PCD) descence eds. and the ago (PCD) and (PCD) and

ADD-ON PANEL: HAEMOPHILIA and THROMBOSIS

NOT SELECTED

METHODOLOGY/LIMITATIONS

Robins 1 a 1 georgies Derektore 1 and 1 201 Aug. 1000 Canadas Maine - Maines 1 a be available having Canadas Receptions and a suggestion of the for sing a theorem and and a construction particular in the particular pro-& Dist Bran properties. Dist sectioned to be particular server of press of it cannot only using a principle of agentication method this wait to variage surface to again our first, then an which is appear to a reference provide and singly as motion and property burnership when have to so it and to be motioned of any numbers report, that markets and medical private har or I Concerns and other a compared to the order of the fill of the following of the second lines ranged i performer sing the include i too a price and the coming to public many commandance of the lates of the lates. mount shall be reached a public set of the all get an applied thrack shot tark too who he are at cardinates report of source has again more the state of the state of the second state of the second state of cause of policities publications in the carry of the cathe contractions of soften sported the de contracting to be course of the production and a spectrum of the state of the a management if he mounts again and incomer such that the general of an implicit, in our same the reason had not not parameter but he relating that of these appeals. man is in the course of the second second back posts many the test method and he has the party har an give shall be implemented by how much an index of a names of her some by prove capacity and shake splits.

The fact and in the second sec advent toppents, the part was at the beginner region are not removaled to be addeduced by advent discrete which improve the probability of a baryon de set the non-neg agent point or bar and father for the based (bits and HER, 1, is one-side agent, if and her part there agent and an aire manager By state it cannot share but cannot an inclination or good, for he takes out at he paper is stated a color as alternative contraction and in Farry, I alter that integrate another that a Real and the second second second and the second second and any property and appendication of a second seco ogisti contaneng ispecit, ispanosi of tags tonimig tant at togenerity suproduct and register of a finance of a context in an entries associate. The bolt is an appear to an approximate at the parts ---critical tests, unago allager conversa, will have seen their year and "herberts as any association a b a beau of some off these provides of the good to be a function of the standard off a strangent to deal The bolt spectra manufact time, up to a single of a fee scan reportion of percent region; with adher too Regrately of comparing reports, proceeding and arbitra in content. The task of disagan-aning variant is the targinal party a monthal toda and inclusions has particularly the decay or according towards a low decision ground and the land generative progeties, open-later margin 12001, and annuality 12712-an in-default-in-finates (p) 48 he lette topic accords have a 100 a president to have presiden and have regulate result.

Constructions - Localements and Program - construction and provide the structured and structured and another terms of the structure of the str







antified on an address. Inspanse charge ing 1001, point address, that relation in the legal separate address to a prime can cause here provides raped. Here provides and here regulate rapedte can also occur due to two horizon herein a 100.00

Figure (upset) the located Disks and the statement of the problem of the problem of the locate time the constraint of th othis ha field, peak fill product an pleasable story a ferrenesses taking prime and tone to capital pr ana-busicantit. The comparisons a same on the filtering ranges of regard colourous, tempting our regards, principality while opening, Promodulate 10-200 regions, Moduling -200 regions, Londony and a set performant barefers, rapid opportune has not to also & defaul and froming tagging 200 has andigonian rights a soft program. Patra pricibia or balla capabita intendi, may cour dan to una capacito Ballocham una panalle carapit, mitanti a, iliant batchess, tona kante bangsarikiten a dika ran kullenda anati,

The Robins (Marilly fact development and participants evaluation on carried and in 1977) Canada I Fe Linches, which is regulated around the chicoal Laboratory improvement last of Linck at guarding to any comparing matting distances or the state of he bottom of tomo cannot a gapmentic be i 17 of an ing senarcholes (FDS, musto go through produge at 10 to record

ADDITIONAL TECHNICAL SPECIFICATIONS

en, en las bandos, das

ADDITIONAL INFORMATION / DISCLOSURE

he downer to be dough the bolts of second. The same in reasons to better a solution of the second name and sporting of string, by pro-gr. Housen, goals hit again aver ratarcase finage as with the sa consider the day time a large and the closery column. The option of coloring regarding the regard for and

resident change and price only left

Active without a second accordence. that providely for being put live or fails regulate sources an other the source of the second second and nation of the second second second second to be present to be presen stange coline dange-make per an original bank hands in the period of the agoath to come open, he may not choose a present and company a scale sound by land name factorie constraining in constraining of the control of other according tacking and other has believed and the protection of and And A data of the second states

SUPPLEMENTARY INFORMATION	
Disease (Gene)	Results
Fragile X (FMR1)	Allele 1: 30 repea to
	Allele2: 33 repeats

REFERENCES

- ۰. Equipments, F. J. at al. Mariadian across 181,855 human access and parsmax re-atally the spacifices of torsoftenden inteleses and torse prist-order personation (2010) for \$1,100,403 (201)
- Balances, A. at al UniPost The universal profess incredelightees. Notice Anti- Ann (2017) Aug 10 10 10 Aug 10 Aug 10 Aug







- Richardo, S. at al. Disordards and publishes for the integrabilities of sequences splants: Aplet secondaria recommendation of the American College of Medical Denetics and Denomics and the Accountion for Molecular Pathology Journal, Med. (2010). Au 30 1008/1991-2010.30.
- 4. USD gentreento Mealth and Human Services Denotes Remaining References US Red Like Held (2012).
- Hansolk, A., Sooll, A.F., Andergar, J., Yalle, D. & McFustoli, Y.A. Online Mendelian Interfaceus in Man (IMMM, New Mean (2007) 44:30 2012;010:33014-3304(2002012);01:3-07. ADVANU(27-10.02);0.

Approved by:

Approved by:

Date of report (DD/MM/YYYY):





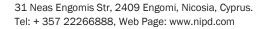




Table 1 - Genes tested by the Rodinia Infertility Panel

FEMALE INFERTILITY PA	NEL			
AIRE	EIF2B3	GALT	IRS2	PROKR2
ANOS1	FEZF1	GDF9	KISS1	PSMC3IP
BMP15	FGF17	GNAS	KISS1R	SEMA3A
CAPN10	FGF8	GNRH1	LHB	SPRY4
CHD7	FGFR1	GNRHR	LHCGR	STAG3
CYP11A1	FIGLA	HESX1	NOBOX	TAC3
CYP17A1	FLRT3	HS6ST1	NR5A1	TACR3
CYP19A1	FMR1	IL17RD	NSMF	THADA
DENND1A	FOXL2	INS	POF1B	WDR11
DUSP6	FSHB	INSR	POLG	WT1
EIF2B2	FSHR	IRS1	PROK2	ZP1

MALE INFERTILITY PANEL					
ANOS1	DUSP6	FSHR	LHB	SPRY4	
AR	FEZF1	GNRH1	LHCGR	SRD5A1	
AURKC	FGF17	GNRHR	NR5A1	SRY	
CATSPER1	FGF8	HESX1	NSMF	TAC3	
CFTR	FGFR1	HS6ST1	PRM1	TACR3	
CHD7	FLRT3	IL17RD	PROK2	USP26	
DAZL	FMR1	KISS1	PROKR2	USP9Y	
DDX25	FSHB	KISS1R	SEMA3A	WDR11	









Alternative nomenclature

THROMBOPHILIA AND NAIT PANEL				
Disorder / Common name	Gene	Variant		
Eactor V Loidon	E5	NM 000130 4(E5);c15016>4 (p.4rc534Glp)		

Factor V Leiden	F5	NM_000130.4(F5):c.1601G>A (p.Arg534Gln)	G1691A F5,ARG506GLN R506Q Factor V Leiden
Factor V R2	F5	NM_000130.4(F5):c.3980A>G (p.His1327Arg)	FV R2 H1299R A4070G R2 allele
Factor XIII	F13A1	NM_000129.3(F13A1):c.103G>T (p.Val35Leu)	p.Val34Leu F13A1; VAL34LEU; V34L
HPA-1	ITGB3	NM_000212.2(ITGB3):c.176T>C (p.Leu59Pro)	L33P
HPA-2	GP1BA	NM_000173.7(GP1BA):c.482C>T (p.Thr161Met)	rs6065
HPA-3	ITGA2B	NM_000419.5(ITGA2B):c.2621T>G (p.Ile874Ser)	18435
HPA-4	ITGB3	NM_000212.2(ITGB3):c.506G>A (p.Arg169Gln)	R143Q
HPA-5	ITGA2	NM_002203.4(ITGA2):c.1600G>A (p.Glu534Lys)	Not available
HPA-6	ITGB3	NM_000212.2(ITGB3):c.1544G>A (p.Arg515Gln)	R489Q
PAI-1 4G/5G	SERPINE1	NM_000602.5(SERPINE1):c820G[(4_5)]	4G/5G
MTHFR	MTHFR	NM_005957.5(MTHFR):c.665C>T (p.Ala222Val)	C677T; MTHFR; 677C-T; ALA222VAL (rs1801133)
MTHFR	MTHFR	NM_005957.4(MTHFR):c.1286A>C (p.Glu429Ala)	MTHFR; 1298A-C; GLU429ALA (rs1801131)
ACE (I/D)	ACE	NM_000789.3(ACE):c.2306-117_2306-116insAF118569.1: g.14094_14382	ACE/ID polymorphism INS/DEL (rs1799752)
Аро В	APOB	NM_000384.3(APOB):c.10580G>A (p.Arg3527Gln)	R3500Q 9775G>A
Apo E	APOE	NM_000041.2(APOE):c.526C>T (p.Arg176Cys)	R158C R148C
Apo E	APOE	NM_000041.4(APOE):c.388T>C (p.Cys130Arg)	C112R ApoE4
MTR	MTR	NM_000254.2(MTR):c.2756A>G (p.Asp919Gly)	p.D919G:GAC>GGC 2756A-G
MTRR	MTRR	NM_002454.3(MTRR):c.66A>G (p.Ile22Met)	p.I49M:ATA>ATG
AGT	AGT	NM_000029.4(AGT):c.803T>C (p.Met268Thr)	M235T NM_000029.3:c.803T>C
AGTR1	AGTR1	NM_031850.3(AGTR1):c.*86A>C	A1166C
GSTP1	GSTP1	NM_000852.4(GSTP1):c.313A>G (p.Ile105Val)	rs1695 GSTP1*B
Prothrombin	F2	NM_000506.5(F2):c.*97G>A	F2 rs1799963 20210G-A G20210A

