Individual	Disease
PGPC-0002	Myopathy, vacuolar, with CASQ1 aggr
PGPC-0002	Chronic granulomatous disease, autos
PGPC-0002	Usher syndrome, type 2A
PGPC-0002	Hypobetalipoproteinemia, familial; Hy
PGPC-0002	Pulmonary hypertension, primary; Pul
PGPC-0002	Mitochondrial complex IV deficiency
PGPC-0002	Myopathy, myofibrillar 1; Cardiomyop
PGPC-0002	Joubert syndrome 9; Meckel syndrom
PGPC-0002	Gastrointestinal stromal tumor
PGPC-0002	Hypogonadotropic hypogonadism 17,
PGPC-0002	Glucocorticoid resistance
PGPC-0002	Polycystic kidney disease, autosomal r
PGPC-0002	Neuropathy, hereditary sensory and a
PGPC-0002	Pendred syndrome; Deafness, autoso
PGPC-0002	Achromatopsia 3; Macular degenerati
PGPC-0002	Cohen syndrome
PGPC-0002	Deafness, autosomal recessive 12; Us
PGPC-0002	Fanconia anemia, complementation g
PGPC-0002	Waardenburg syndrome type 4A; ABC
PGPC-0002	Ceroid lipofuscinosis, neuronal, 6
PGPC-0002	Tay-Sachs disease; GM2-gangliosidosi
PGPC-0002	Surfactant metabolism dysfunction, p
PGPC-0002	Floating-Harbor syndrome
PGPC-0002	Meckel syndrome 9
PGPC-0002	Myeloperoxidase deficiency
PGPC-0002	Immunodeficiency 35
PGPC-0002	Glycogen storage disease, type 0, mus
PGPC-0002	Li-Fraumeni syndrome 2
PGPC-0002	Anemia, sideroblastic, and spinocereb
PGPC-0005	Gaucher disease
PGPC-0005	Hypobetalipoproteinemia, familial; Hy
PGPC-0005	Hypobetalipoproteinemia, familial; Hy
PGPC-0005	Cystinuria
PGPC-0005	Singleton-Merten syndrome 1
PGPC-0005	Pulmonary hypertension, primary; Pul
PGPC-0005	Glaucoma, normal tension, susceptibi
PGPC-0005	Polycystic kidney disease 2
PGPC-0005	Aplastic anemia; Dyskeratosis congen
PGPC-0005	Usher syndrome, type IIC
PGPC-0005	Arrhythmogenic right ventricular dysp
PGPC-0005	Hermansky-Pudlak syndrome 7
PGPC-0005	Epilepsy, progressive myoclonic 2B (La
PGPC-0005	Vesicoureteral reflux 8; Ehlers-Danlos

PGPC-0005	Epilepsy, myoclonic juvenile; Epilepsy,
PGPC-0005	Leukoencephalopathy, cystic, without
PGPC-0005	Shwachman-Diamond syndrome; Apla
PGPC-0005	Pendred syndrome; Deafness, autoso
PGPC-0005	Short -rib thoracic dysplasia 11 with o
PGPC-0005	Hyperoxaluria, primary, type III
PGPC-0005	Myoclonic dystonia
PGPC-0005	Leber congenital amaurosis 10; Mecke
PGPC-0005	Niemann-pick disease, type C2
PGPC-0005	Amyotrophic lateral sclerosis 5, juveni
PGPC-0005	Progressive external ophthalmoplegia
PGPC-0005	Tuberous sclerosis 2; Lymphangioleior
PGPC-0005	Familial juvenile hyperuricemic nephr
PGPC-0005	Dyskeratosis congenita, autosomal do
PGPC-0005	Macular dystrophy, corneal, 1; Macula
PGPC-0005	Ichthyosiform erythroderma, congenit
PGPC-0005	Cardiomyopathy, dilated, 1N; Cardiom
PGPC-0005	Breast-ovarian cancer, familial, suscep
PGPC-0005	Paramyotonia congenita; Hyperkalem
PGPC-0005	Hemophagocytic lymphohistiocytosis,
PGPC-0005	Camurati-Engelmann disease
PGPC-0005	Amyotrophic lateral sclerosis 8; Spinal
PGPC-0005	Epiphyseal dysplasia, multiple, 3
PGPC-0005	Li-Fraumeni syndrome 2
PGPC-0005	Glucose/galactose malabsorption
PGPC-0005	Acyl-CoA dehydrogenase family, mem
PGPC-0006	Nephronophthisis 4; Senior-Loken syn
PGPC-0006	Amyotrophic lateral sclerosis 10, with
PGPC-0006	Homocystinuria due to MTHFR deficie
PGPC-0006	Cone-rod dystrophy 3; Retinitis pigme
PGPC-0006	Coenzyme Q10 deficiency; Progressive
PGPC-0006	Ehlers-Danlos syndrome, type IV
PGPC-0006	Ichthyosis, harlequin; Ichthyosis, lame
PGPC-0006	Hemolytic uremic syndrome, atypical;
PGPC-0006	Growth hormone insensitivity syndror
PGPC-0006	Glucocorticoid resistance
PGPC-0006	Leukoencephalopathy, cystic, without
PGPC-0006	Ciliary dyskinesia, primary, 6
PGPC-0006	Exostoses, multiple, type 1
PGPC-0006	Refsum disease
PGPC-0006	Niemann-Pick disease, type A; Niemar
PGPC-0006	T cell-negative, B cell-negative, natura
PGPC-0006	Vitreoretinopathy, neovascular inflam
PGPC-0006	Deafness, autosomal recessive 2; Ush

PGPC-0006	Hydroxymethylbilane synthase deficie
PGPC-0006	Retinal cone dystrophy 4
PGPC-0006	Lethal congenital contracture syndron
PGPC-0006	Deafness, autosomal recessive 1A; De
PGPC-0006	Spastic ataxia, Charlevoix-Saguenay ty
PGPC-0006	Breast-ovarian cancer, familial, suscep
PGPC-0006	Bile acid malabsorption, primary
PGPC-0006	Hyperphenylalaninemia, BH4-deficien
PGPC-0006	Glaucoma 3, primary congenital, D; M
PGPC-0006	Albinism, oculocutaneous, type II; Alb
PGPC-0006	Progressive external ophthalmoplegia
PGPC-0006	Surfactant metabolism dysfunction, p
PGPC-0006	Familial Mediterranean fever
PGPC-0006	Familial juvenile hyperuricemic nephr
PGPC-0006	Leber congenital amaurosis 4; Retiniti
PGPC-0006	Ichthyosiform erythroderma, congeni
PGPC-0006	Frontotemporal lobar degeneration w
PGPC-0006	Hemophagocytic lymphohistiocytosis,
PGPC-0006	Liopdystrophy, partial, acquired; Epile
PGPC-0006	Hypercholesterolemia, familial
PGPC-0006	Anemia, dyserythropoietic congenital,
PGPC-0006	Homocystinuria due to cystathionine l
PGPC-0006	Klippel-Feil syndrome 4, autosomal re
PGPC-0006	Immunodysregulation, polyendocrino
PGPC-0050	Microcephaly, primary autosomal rec
PGPC-0050	Congenital disorder of glycosylation, t
PGPC-0050	Ventricular tachycardia, catecholamin
PGPC-0050	Miyoshi muscular dystrophy 1; Muscu
PGPC-0050	Paroxysmal extreme pain disorder
PGPC-0050	Hyperoxaluria, primary, type 1
PGPC-0050	Schizophrenia
PGPC-0050	Infantile liver failure syndrome 1
PGPC-0050	Hemochromatosis
PGPC-0050	Polycystic kidney disease, autosomal r
PGPC-0050	Parkinson disease 2, autosomal recess
PGPC-0050	Platelet glycoprotein IV deficiency
PGPC-0050	Pendred syndrome; Deafness, autoso
PGPC-0050	Cortical dysplasia-focal epilepsy syndr
PGPC-0050	Exostoses, multiple, type 1
PGPC-0050	Candidiasis, familial, 2
PGPC-0050	Refsum disease
PGPC-0050	Refsum disease
PGPC-0050	Multiple endocrine neoplasia type I; H
PGPC-0050	Tyrosinemia, type III; Hawksinuria

PGPC-0050	Cardiomyopathy, dilated 1U
PGPC-0050	ACTH-independent macronodular adr
PGPC-0050	ACTH-independent macronodular adr
PGPC-0050	Increased analgesia from kappa-opioi
PGPC-0050	Deafness, autosomal recessive 3
PGPC-0050	Hemophagocytic lymphohistiocytosis,
PGPC-0050	Methylmalonic aciduria due to transc
PGPC-0050	Hypercholesterolemia, familial
PGPC-0050	Palmoplantar keratoderma and woolly
PGPC-0050	Cerebral arteriopathy with subcortical
PGPC-0050	Muscular dystrophy-dystroglycanopat

Gene ID (transcript)	Genomic position
CASQ1:NM_001231	chr1:160160801T>C
NCF2:NM_000433	chr1:183532364T>A
USH2A:NM_206933	chr1:216496932C>G
APOB:NM_000384	chr2:21231278G>A
BMPR2:NM_001204	chr2:203420712G>A
FASTKD2:NM_014929	chr2:207631566A>G
DES:NM_001927	chr2:220284876C>T
CC2D2A:NM_001080522	chr4:15589552delG
KIT:NM_000222	chr4:55524252G>A
SPRY4:NM_001293289	chr5:141694021G>T
NR3C1:NM_001024094	chr5:142780337delCTCinsTTT
PKHD1:NM_170724	chr6:51637536G>T
DST:NM_001723	chr6:56485496C>G
SLC26A4:NM_000441	chr7:107355874C>T
CNGB3:NM_019098	chr8:87645092C>T
VPS13B:NM_017890	chr8:100887731delCCAGCTGTTCTinsG
CDH23:NM_022124	chr10:73377112G>A
FANCF:NM_022725	chr11:22646532C>T
EDNRB:NM_001122659	chr13:78477665G>A
CLN6:NM_017882	chr15:68504005G>A
HEXA:NM_000520	chr15:72638921insGATA
ABCA3:NM_001089	chr16:2367764T>A
SRCAP:NM_006662	chr16:30740333A>G
B9D1:NM_001243475	chr17:19241062C>G
MPO:NM_000250	chr17:56355397G>A
TYK2:NM_003331	chr19:10463118G>C
GYS1:NM_002103	chr19:49472545T>A
CHEK2:NM_145862	chr22:29121087A>G
ABCB7:NM_001271696	chrX:74334588C>T
GBA:NM_001171811	chr1:155205634T>C
APOB:NM_000384	chr2:21224853C>T
APOB:NM_000384	chr2:21231278G>A
SLC3A1:NM_000341	chr2:44513202T>C
IFIH1:NM_022168	chr2:163124637T>C
BMPR2:NM_001204	chr2:203420712G>A
OPA1:NM_130837	chr3:193336676C>T
PKD2:NM_000297	chr4:88989089A>C
TERT:NM_198253	chr5:1293767G>A
ADGRV1:NM_032119	chr5:89979568G>A
DSP:NM_001008844	chr6:7565727A>T
DTNBP1:NM_183040	chr6:15524715G>A
NHLRC1:NM_198586	chr6:18122402C>T
TNXB:NM_019105	chr6:32052313C>T

EFHC1:NM_018100	chr6:52317597T>C
RNASET2:NM_003730	chr6:167343204C>T
SBDS:NM_016038	chr7:66453476A>G
SLC26A4:NM_000441	chr7:107341628T>C
WDR34:NM_052844	chr9:131418941G>A
HOGA1:NM_138413	chr10:99371369delGAG
DRD2:NM_016574	chr11:113283488G>A
CEP290:NM_025114	chr12:88523494C>G
NPC2:NM_006432	chr14:74953134C>T
SPG11:NM_001160227	chr15:44918690C>T
POLG:NM_002693	chr15:89861826T>C
TSC2:NM_001318829	chr16:2110795G>A
UMOD:NM_003361	chr16:20352618C>A
ACD:NM_022914	chr16:67694606A>G
CHST6:NM_021615	chr16:75512734C>A
ALOX12B:NM_001139	chr17:7984479G>A
TCAP:NM_003673	chr17:37822316G>A
BRCA1:NM_007294	chr17:41222975C>T
SCN4A:NM_000334	chr17:62028920C>G
UNC13D:NM_199242	chr17:73839326C>T
TGFB1:NM_000660	chr19:41847860G>A
VAPB:NM_004738	chr20:57014075T>G
COL9A3:NM_001853	chr20:61472082T>C
CHEK2:NM_145862	chr22:29130450delTCCTCAGGTTCTTG
SLC5A1:NM_000343	chr22:32439303C>T
ACAD9:NM_014049	chr3:128622922G>A
NPHP4:NM_001291594	chr1:5940243G>A
TARDBP:NM_007375	chr1:11073982T>C
CLCN6:NM_001256959	chr1:11866183C>T
ABCA4:NM_000350	chr1:94467548C>G
ADCK3:NM_020247	chr1:227174240delCAC
COL3A1:NM_000090	chr2:189863424C>A
ABCA12:NM_015657	chr2:215876355G>A
CFI:NM_001318057	chr4:110667485T>C
GHR:NM_001242400	chr5:42711376G>A
NR3C1:NM_001024094	chr5:142780337delCTCinsTTT
RNASET2:NM_003730	chr6:167343204C>T
NME8:NM_016616	chr7:37924000G>T
EXT1:NM_000127	chr8:119124443C>G
PHYH:NM_001037537	chr10:13325784C>T
SMPD1:NM_001007593	chr11:6412635G>A
RAG1:NM_000448	chr11:36596200G>A
CAPN5:NM_004055	chr11:76826581delC
MYO7A:NM_000260	chr11:76903189G>A

HMBS:NM_001258209	chr11:118959973A>T
CACNA2D4:NM_172364	chr12:1969369G>A
ADCY6:NM_015270	chr12:49168798C>A
GJB2:NM_004004	chr13:20763554delA
SACS:NM_014363	chr13:23929378G>A
BRCA2:NM_000059	chr13:32910456C>G
SLC10A2:NM_000452	chr13:103701690G>A
GCH1:NM_001024024	chr14:55369314G>A
LTBP2:NM_000428	chr14:74988734C>T
OCA2:NM_000275	chr15:28228553C>T
POLG:NM_001126131	chr15:89861826T>C
ABCA3:NM_001089	chr16:2350115G>T
MEFV:NM_000243	chr16:3293310A>G
UMOD:NM_001008389	chr16:20352618C>A
AIPL1:NM_001285401	chr17:6331817C>T
ALOX12B:NM_001139	chr17:7984479G>A
GRN:NM_002087	chr17:42427605C>A
UNC13D:NM_199242	chr17:73839326C>T
LMNB2:NM_032737	chr19:2435150C>T
LDLR:NM_001195799	chr19:11240278G>A
KLF1:NM_006563	chr19:12998102C>T
CBS:NM_000071	chr21:44480591G>A
MYO18B:NM_032608	chr22:26166953delTGAGTCCCCTGTCC
FOXP3:NM_001114377	chrX:49113312G>A
STIL:NM_001282938	chr1:47746675C>G
ALG6:NM_013339	chr1:63872032T>C
RYR2:NM_001035	chr1:237870323G>A
DYSF:NM_001130979	chr2:71762413G>A
SCN9A:NM_002977	chr2:167141109G>T
AGXT:NM_000030	chr2:241815411T>C
ALS2CL:NM_001190707	chr3:46729697C>A
LARS:NM_020117	chr5:145551522T>C
HFE:NM_001300749	chr6:26091185A>T
PKHD1:NM_170724	chr6:51609303A>G
PARK2:NM_013987	chr6:162864388C>G
CD36:NM_001127444	chr7:80300431insA
SLC26A4:NM_000441	chr7:107330653G>A
CNTNAP2:NM_014141	chr7:145813093A>G
EXT1:NM_000127	chr8:119124443C>G
CARD9:NM_052813	chr9:139258789delT
PHYH:NM_001323083	chr10:13320339G>A
PHYH:NM_001323083	chr10:13325784C>T
MEN1:NM_130801	chr11:64575505C>T
HPD:NM_002150	chr12:122277904G>C

PSEN1:NM_000021	chr14:73602899C>G
ARMC5:NM_001105247	chr16:31475712C>A
ARMC5:NM_001105247	chr16:31477594C>G
MC1R:NM_002386	chr16:89986091G>A
MYO15A:NM_016239	chr17:18023066delC
STXBP2:NM_001127396	chr19:7710134C>T
CD320:NM_016579	chr19:8369919delCTC
LDLR:NM_000527	chr19:11231203G>A
KANK2:NM_001329451	chr19:11277236A>G
NOTCH3:NM_000435	chr19:15285063G>T
FKRP:NM_001039885	chr19:47259048C>G

Detected in blood?	Detected in non-enriched saliva?
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes

Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes

Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes

Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	No
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes

Detected in enriched saliva?	Detected in non-enriched buccal?
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes

Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
No	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	No
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes

Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
No	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes

Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes

Detected in enriched buccal?	Detected in every sample type?
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes

Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	No
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	No
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes

Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	No
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes

Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	No
Yes	Yes
No	No
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes

Notes

Two SNVs

Two SNVs