

Variantyx Unity™ Test

The following known pathogenic repeats are screened for by the Variantyx Unity™ test.

Gene(s)	Repeat	Disorder
AFF2	CCG	Fragile XE syndrome
AFF3	CGG	FRA2A fragile site
AR	CAG	Spinal and bulbar muscular atrophy
ATN1	CAG	Dentatorubral-pallidoluysian atrophy (DRPLA)
ATXN1	CAG	Spinocerebellar ataxia
ATXN10	ATTCT	Spinocerebellar ataxia
ATXN2	CAG	Spinocerebellar ataxia
ATXN3	CAG	Spinocerebellar ataxia
ATXN7	CAG	Spinocerebellar ataxia
ATXN8oS	CTG	Spinocerebellar ataxia
BMPR2	GGC	Pulmonary hypertension associated with congenital heart disease
C9ORF72	GGGGC	Frontotemporal dementia and/or amyotrophic lateral sclerosis (FTDALS1)
CACNA1A	CAG	Spinocerebellar ataxia
CBL	CGG	Jacobsen syndrome
CNBP	CCTG	Myotonic dystrophy type II
CSTB	CCCCGCCCGCG	Myoclonus epilepsy
DIP2B	CGG	FRA12A fragile site
DMPK	CTG	Myotonic dystrophy type I
FMR1	CGG	Fragile X syndrome
FXN	GAA	Friedreich's ataxia
HTT	CAG	Huntington disease
JPH3	CTG	Huntington disease-like 2 syndrome
NOP56	GGCCTG	Spinocerebellar ataxia 36
PPP2R2B	CAG	Spinocerebellar ataxia