Genomic Unity™ Test

Tandem repeats analyzed

The following characterized repeats are detected and analyzed by the Genomic 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
ATXN80S	CTG	Spinocerebellar ataxia
C9ORF72	GGGGC	Frontotemporal dementia and/or amyotrophic lateral sclerosis (FTDALS1)
CACNA1A	CAG	Spinocerebellar ataxia
CNBP	CCTG	Myotonic dystrophy type II
CSTB	CCCCGCCCCGCG	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
PPP2R2B	CAG	Spinocerebellar ataxia

Variantyx Inc.
1671 Worcester Road, Suite 300
Framingham MA 01701

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617-209-2090
info@variantyx.com
www.variantyx.com