Exons Not Part of NGS Testing

The indicated exons in the following genes are technically challenging to sequence with NGS and Sanger technologies. Variation cannot be accurately detected in these exons, and therefore they are not analyzed as part of routine NGS testing and backfill sequencing.

Connective Tissue Disorders Panels		
Subpanel: Ehlers-Danlos Syndrome		
Gene	**Transcript**	**Exon(s)**
TNXB	NM_019105.6	32-44 (inclusive)

Hereditary Hearing Loss Panels		
Subpanel: Common & Non-Syndromic Hearing Loss		
Gene	**Transcript**	**Exon(s)**
ESPN	NM_031475.2	4,7
OTOA	NM_144672.3	22-25, 27
PTPRQ	ENST00000266688.5	4-11 (inclusive)
TPRN	NM_001128228.2	1
TRIOBP	NM_001039141.2	7

Hereditary Spastic Paraplegia Panels		
Subpanel: Autosomal Recessive HSP		
Gene	**Transcript**	**Exon(s)**
VPS37A	NM_152415.2	3,4
HSPD1	NM_002156.4	6
KIF1C	NM_006612.5	23