

Supplemental eTable

Assay	Reagent	Sequence
FGFR3 Primary PCR	Exon 7 Forward	5' GCG GTC CCA AAA GGG TCA GTA CAG TGG CGG TGG TGG TGA GGG AG 3'
	Exon 7 Reverse	5' GCG GTC CCA AAA GGG TCA GTA CGC ACC GCC GTC TGG TTG G 3'
	Exon 10 Forward	5' GCG GTC CCA AAA GGG TCA GTA CGG TCT GGC CCT CTA GAC TCA 3'
	Exon 10 Reverse	5' GCG GTC CCA AAA GGG TCA GTA CGA AGA AGC CCA CCC CGT A 3'
	Exon 15 Forward	5' GCG GTC CCA AAA GGG TCA GTA CCC TGC CCT GAG ATG CT 3'
	Exon 15 Reverse	5' GCG GTC CCA AAA GGG TCA GTA CCG TCC TAC TGG CAT GAC C 3'
FGFR3 Mutation Detection	Exon 7 Forward	5' GCG TCA TCT GCC CCC A 3'
	Exon 7 Reverse	5' CAC CGC CGT CTG GTT G 3'
	Exon 7 LNA	5' AGA <u>GCG</u> <u>CTC</u> <u>CCC</u> G 3' (LNA bases are underlined)
	Exon 7 Probe	5' FAM-CCC GCC TGC AGG ATG GGC CGG T-Iowa Black FQ 3'
	Exon 10 Forward	5' GGC CTC AAC GCC CAT GT 3'
	Exon 10A Reverse	5' TAG CTG AGG ATG CCT GCA TA 3'
	Exon 10B Reverse	5' CCG TAG CTG AGG ATG CCT G 3'
	Exon 10A LNA	5' ATA <u>CAC</u> <u>ACT</u> <u>GCC</u> <u>CGC</u> CT 3' (LNA bases are underlined)
	Exon 10B LNA	5' GCC TGC <u>ATA</u> <u>CAC</u> <u>ACT</u> 3' (LNA bases are underlined)
	Exon 10 Probe	5' FAM-CCG AGG AGG AGC TGG TGG AGG CTG AC-Iowa Black FQ 3'
	Exon 15 Forward	5' CAA TGT GCT GGT GAC CGA G 3'
	Exon 15 Reverse	5' CCG GGC TCA CGT TGG TC 3'
	Exon 15 LNA	5' GGT CGT <u>CTT</u> <u>CTT</u> <u>GTA</u> <u>GT</u> 3' (LNA bases are underlined)
	Exon 15 Probe	5' FAM-CTG GCC CGG GAC GTG CAC AAC CTC GAC T-Iowa Black FQ 3'
Twist/Nid	Twist Forward	5' GTT AGG GTT CGG GGG CGT TGT T 3'
	Twist Reverse	5' CCG TCG CCT TCC TCC GAC GAA 3'
	Nid Forward	5' GCG GTT TTT AAG GAG TTT TAT TTT C 3'
	Nid Reverse	5' CTA CGA AAT TCC CTT TAC GCT 3'
ACTB	ACTB Forward	5' TAG GGA GTA TAT AGG TTG GGG AAG TT 3'
	ACTB Reverse	5' AAC ACA CAA TAA CAA ACA CAA ATT CAC 3'
	ACTB Zen Probe	5' TGG GGT GGT/ZEN/GAT GGA GGA GGT TTA GTA AGT TTT TT 3'