

Supplemental Figure 5. 25-mer probe design for our Affymetrix INDEL arrays.

INDEL: 22466491 (deletion of CT)

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R1 (-4)          TGCCCCAAACACTCTCTTACCGTT
R1 (+4)          AACACTCTCTTACCGTTGCGGAGGT
R1 ( 0)          CCCAAACACTCTCTTACCGTTGCGG
REFERENCE       GATTTGACTGCCCCAAACACTCTCTTACCGTTGCGGAGGTCTTCCAGGAG
T1 ( 0)          CCCAAACACTCT..TACCGTTGCGGAG
T1 (+4)          AACACTCT..TACCGTTGCGGAGGTCT
T1 (-4)          TGCCCCAAACACTCT..TACCGTTGC

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INDEL: 1111425 (deletion of TTTAGCCAGCTGAGA)

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R1 (-4)          TTGATATATTTTGTGATTTAGCCAG
R1 (+4)          TTTTGTGATTTAGCCAGCTGAGAGC
R1 ( 0)          TATATTTTGTGATTTAGCCAGCTGA
R2 (-4)          GATTTAGCCAGCTGAGAGCCTTTGT
R2 (+4)          CAGCTGAGAGCCTTTGTGAGCAGAA
R2 ( 0)          TAGCCAGCTGAGAGCCTTTGTGAGC
REFERENCE       ATGAATATTTTGATATATTTTGTGATTTAGCCAGCTGAGAGCCTTTGTGAGCAGAAATGAGCATC
T1 ( 0)          TATATTTTGTGA.....GCCTTTGTGAGCA
T1 (+4)          TTTTGTGA.....GCCTTTGTGAGCAGAAA
T1 (-4)          TTGATATATTTTGTGA.....GCCTTTGTG

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INDEL: 2674693 (deletion of GTGCACATAGGCGCCTCCCCCTCTGTCCCCAGAGCCCATGCTGTCCAGCTCTGTGGAGTACACACACGGAGCACGTACACG)

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R1 (-4)          AGTACACATAGAGTATGTGCACATA
R1 (+4)          TAGAGTATGTGCACATAGGCGCCTC
R1 ( 0)          CACATAGAGTATGTGCACATAGGCG
R2 (-4)          CACGGAGCACGTACAGTGTGCACA
R2 (+4)          ACGTACACGTGTGCACACAGGCGCC
R2 ( 0)          GAGCACGTACAGTGTGCACACAGG
R3 (-4)          GTCCCCAGAGCCCATGCTGTCCAGC
R3 (+4)          AGCCCATGCTGTCCAGCTCTGTGGA
R3 ( 0)          CCAGAGCCCATGCTGTCCAGCTCTG
REFERENCE       GCCGAGCTGAGTACACATAGAGTATGTGCACATAGGCGCCTCCCCCTCTGTCCCCAGAGCCCATGCTGTCCAGCTCTGTGGAGTACACACACGGAGCACGTACACGTGTGCACACAGGCGCCTCCCACTCT
T1 ( 0)          CACATAGAGTAT.....TGTGCACACAGGC
T1 (+4)          TAGAGTAT.....TGTGCACACAGGCGCCT
T1 (-4)          AGTACACATAGAGTAT.....TGTGCACAC

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INDEL: 2610594 (insertion of T)

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R1 (-4)          TTTATGTGAGTTACTT.CGCATTGT
R1 (+4)          AGTTACTT.CGCATTGTTAAATCAA
R1 ( 0)          TGTGAGTTACTT.CGCATTGTTAAA
TRACE           AATGCTTATTTTATGTGAGTTACTTTCGCATTGTTAAATCA
T1 ( 0)          TGTGAGTTACTTTCGCATTGTTAA
T1 (+4)          AGTTACTTTCGCATTGTTAAATCA
T1 (-4)          TTTATGTGAGTTACTTTCGCATTG
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INDEL: 205732 (insertion of AATAA)

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R1 (-4)          GTGGGACAGAAAAGAA.....GAAGCTGGG
R1 (+4)          GAAAAGAA.....GAAGCTGGGTCCAAGCA
R1 ( 0)          GACAGAAAAGAA.....GAAGCTGGGTCCA
TRACE           TCTTAACCCAAGCAGTGGGACAGAAAAGAAATAAGAAGCTGGGTCCAAGCAATGCCATGTGACTA
T2 ( 0)          AAAAGAAAATAAGAAGCTGGGTCCA
T2 (+4)          GAAAATAAGAAGCTGGGTCCAAGCA
T2 (-4)          ACAGAAAAGAAAATAAGAAGCTGGG
T1 ( 0)          GGACAGAAAAGAAAATAAGAAGCTG
T1 (+4)          AGAAAAGAAAATAAGAAGCTGGGTC
T1 (-4)          AGTGGGACAGAAAAGAAATAAGAA
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INDEL: 1293908 (insertion of TAATCAGGATCTTGACATGTGACACAAGATCCTTGAG)

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R1 (-4)          GCAGGGTTTGAGTGCC.....TGACACAGG
R1 (+4)          TGAGTGCC.....TGACACAGGATCTTGAA
R1 ( 0)          GGTTTGAGTGCC.....TGACACAGGATCT
TRACE           CCATAAATATTAGAGCAGGGTTTGAGTGCCTAATCAGGATCTTGACATGTGACACAAGATCCTTGAGTGACACAGGATCTTGAAATGTGGTCAGCATA
T3 ( 0)          GATCTTGACATGTGACACAAGATCC
T3 (+4)          TTGACATGTGACACAAGATCCTTGA
T3 (-4)          TCAGGATCTTGACATGTGACACAAG
T2 ( 0)          AAGATCCTTGAGTGACACAGGATCT
T2 (+4)          TCCTTGAGTGACACAGGATCTTGAA
T2 (-4)          ACACAAGATCCTTGAGTGACACAGG
T1 ( 0)          GGGTTTGAGTGCCTAATCAGGATCT
T1 (+4)          TTGAGTGCCTAATCAGGATCTTGAC
T1 (-4)          AGCAGGGTTTGAGTGCCTAATCAGG
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