

Table W1. Primer Sequences.

Use	Primer ID	Sequences	
Southern	NF1 Probe 1-F	CCTTCITTTGACTGTTGATGTAGT	
	NF1 Probe 1-R	TTATGCAGGAATGGGTTATGGA	
	NF1 Probe 2-F	AGAGCCTATGCGTTTTGAGAAGTATGAC	
	NF1 Probe 2-R	TATTGGTGTGGTTGTTTGGTGTGTAG	
	NF1 Probe 3-F	ACCAAGGCCTTCTCACTAACT	
	NF1 Probe 3-R	TAACCAAAAAGCTTCAACACTATG	
	DHX40-F	GGCAGTTTCCATTTTGTTCCTGTCC	
Northern	DHX40-R	CATTACCACCACCACCCTCTCCA	
	NF1-F	AGGGCCAGTTACTAGAGACATCAG	
	NF1-R	AAGTAACAACGTGGAAGAGGTAGG	
	GAPDH-F	CAGACCACAGTCCATGCCATCAC	
Sequencing	GAPDH-R	CCATGAGGTCCACCACCCTGTTGC	
	Kras ex2-F	GCCTGCTGAAAATGACTGAAT	
	Kras ex2-R	GGTCCTGCACCAGTAATATGC	
	BRAF-ex11-F	TCTCTTCCTGTATCCCTCTCAGGCA	
	BRAF-ex11-R	CTTGTACAATGTCACCACATTACA	
	BRAF-ex15-F	CCTAAACTCTTCATAATGCTTGCTCTG	
	BRAF-ex15-R	TAACTCAGCAGCATCTCAGGGCCAAA	
	TP53-5F	TTTATCTGTTCACTTGTGCCC	
	TP53-5R	ACCCTGGGCAACCAGCCCTG	
	TP53-6F	CACTGATTGCTCTTAGGTCT	
	TP53-6R	AGTTGCAAACCAGACCTCAGG	
	TP53-7F	GCCACAGGTCTCCCCAAGGC	
	TP53-7R	CAGTGTGCAGGGTGGCAAGT	
	TP53-8F	GACCTGATTTCCCTTACTGCC	
	TP53-8R	CCACCCGCTTCTTGTCTGTCT	
	PTT	PTT-I-F	GGATCCTAATACGACTCACTATAGGGAGACCACCATGATGGCCGCGCACAGGCCGGTGAAT
		PTT-I-R	TGACAGGAACCTTCTATCTGCCTGCTTA
		PTT-II-F	GGATCCTAATACGACTCACTATAGGGAGACCACCATGATGGTGAACCTAATTCATGCAGAT
		PTT-II-R	TGTCAAATTTCTGTGCCTTG
PTT-III-F		GGATCCTAATACGACTCACTATAGGGAGACCACCATGATGGAAGCAGTAGTTTCACTT	
PTT-III-R		TAGGACTTTTGTTCGCTCTGCTGA	
PTT-IV-F		GGATCCTAATACGACTCACTATAGGGAGACCACCATGGAGTACACCAAGTATCATGAG	
PTT-IV-R		TATACGGAGACTATCTAAAGTATGCAG	
PTT-V-F		GGATCCTAATACGACTCACTATAGGGAGACCACCATGATGGAGGCATGCATGAGAGATATTC	
PTT-V-R		TCTGCACITGGCTTGGCGAT	