

## BRAF/NRAS FFPET Mutation Test (LSR) Report

Raw Data File: Sample 1\_BRAFNRAS\_FFPET.ix0

<b>Test Status:</b>	<b>Valid</b>
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Test Name:	BRAF/NRAS FFPET
Run Date and Time:	27-Mar-2016 15:24:08
Instrument Serial No.:	50182
UDF Software Version:	LCS480 1.5.1.62 SP2 - UDF v2.0.0
BRAF/NRAS FFPET Test Package Software Version:	1.0.5.1549
Algorithm Definition File:	BRAF_NRAS.adf
Reagent Kit ID:	N/A
Run Operator:	System Admin
Run Note:	N/A

### Controls

Position	Sample Name	Control Status	Control Type	Ct (Channel: MMx1;MMx2;MMx3)	Flag
A01:A02:A03	BRAFNRAS MC	Valid	Mutant Control	Ch 1: 27.6; 27.3; 30.0	
				Ch 2: 27.2; 27.1; 25.9	
				Ch 3: 26.8; 27.1; 30.4	
				Ch 4: 22.1; 22.3; 22.7	
B01:B02:B03	BRAFNRAS NC	Valid	Negative Control	Ch 1: NaN; NaN; NaN	
				Ch 2: NaN; NaN; NaN	
				Ch 3: NaN; NaN; NaN	
				Ch 4: NaN; NaN; 37.0	

### Specimens

Position	Sample Name	Test Result	Mutation Result	Ct (Channel: MMx1;MMx2;MMx3)	Flag
C01:C02:C03	14/0271	No Mutation Detected	N/A	Ch 1: NaN; 37.3; NaN	
				Ch 2: NaN; 38.6; NaN	
				Ch 3: NaN; NaN; 45.0	
				Ch 4: 28.4; 27.8; 27.8	

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**Test Status:** Valid

Position	Sample Name	Test Result	Mutation Result	Ct (Channel: MMx1;MMx2;MMx3)	Flag
D01:D02:D03	14/0272	No Mutation Detected	N/A	Ch 1: NaN; NaN; NaN	
				Ch 2: 38.6; 40.3; 41.8	
				Ch 3: NaN; NaN; 34.1	
				Ch 4: 25.5; 25.1; 24.8	
E01:E02:E03	14/0283	Mutation Detected	BRAF V600E/E2/D	Ch 1: 26.4; NaN; NaN	
				Ch 2: NaN; 41.8; NaN	
				Ch 3: 37.3; NaN; 37.3	
				Ch 4: 25.1; 25.3; 25.6	
F01:F02:F03	14/0284	No Mutation Detected	N/A	Ch 1: NaN; 41.4; NaN	
				Ch 2: 39.4; 38.1; NaN	
				Ch 3: NaN; NaN; 37.4	
				Ch 4: 25.7; 25.4; 25.4	
G01:G02:G03	14/0285	No Mutation Detected	N/A	Ch 1: NaN; 43.0; NaN	
				Ch 2: NaN; NaN; 43.2	
				Ch 3: 38.0; NaN; 36.3	
				Ch 4: 25.0; 25.0; 25.5	
H01:H02:H03	14/0286	Mutation Detected	BRAF V600E/E2/D	Ch 1: 24.1; 41.5; 37.6	
				Ch 2: 39.4; 37.2; NaN	
				Ch 3: NaN; NaN; 36.4	
				Ch 4: 23.8; 24.2; 24.4	
A04:A05:A06	14/0327	Mutation Detected	BRAF V600E/E2/D	Ch 1: 26.5; NaN; 42.8	
				Ch 2: NaN; 40.3; 39.4	
				Ch 3: NaN; NaN; 38.3	
				Ch 4: 26.3; 25.5; 25.8	
B04:B05:B06	14/0328	Mutation Detected	NRAS Q61X	Ch 1: NaN; NaN; NaN	
				Ch 2: NaN; 28.4; 39.4	
				Ch 3: NaN; NaN; NaN	
				Ch 4: 29.1; 27.8; 27.7	

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**Test Status:** Valid

Position	Sample Name	Test Result	Mutation Result	Ct (Channel: MMx1;MMx2;MMx3)	Flag
C04:C05:C06	14/0333	Mutation Detected	NRAS Q61X	Ch 1: NaN; NaN; NaN	
				Ch 2: NaN; 28.2; NaN	
				Ch 3: NaN; NaN; 43.4	
				Ch 4: 30.0; 28.2; 28.2	
D04:D05:D06	14/0334	Mutation Detected	BRAF V600E/E2/D	Ch 1: 29.4; NaN; NaN	
				Ch 2: NaN; NaN; 40.6	
				Ch 3: NaN; 42.0; 44.7	
				Ch 4: 30.1; 28.5; 28.6	
E04:E05:E06	14/0349	Mutation Detected	BRAF V600E/E2/D	Ch 1: 24.2; NaN; 36.6	
				Ch 2: NaN; 38.8; 34.6	
				Ch 3: 36.4; NaN; 38.4	
				Ch 4: 24.2; 25.6; 25.8	
F04:F05:F06	14/0354	Mutation Detected	BRAF V600E/E2/D	Ch 1: 26.1; 39.4; 39.4	
				Ch 2: 39.4; 40.8; NaN	
				Ch 3: 40.1; NaN; 38.0	
				Ch 4: 25.7; 25.5; 25.5	
G04:G05:G06	14/0355	Mutation Detected	BRAF V600E/E2/D	Ch 1: 30.0; NaN; 39.6	
				Ch 2: NaN; NaN; NaN	
				Ch 3: NaN; NaN; 44.6	
				Ch 4: 29.3; 28.2; 28.3	
H04:H05:H06	14/0357	No Mutation Detected	N/A	Ch 1: NaN; NaN; NaN	
				Ch 2: NaN; NaN; 44.6	
				Ch 3: NaN; NaN; 41.9	
				Ch 4: 28.1; 26.7; 26.9	
A07:A08:A09	14/0366	Mutation Detected	BRAF V600K	Ch 1: 26.0; 25.8; 45.4	
				Ch 2: 37.6; 41.0; 40.3	
				Ch 3: NaN; 42.0; 39.6	
				Ch 4: 26.0; 25.3; 25.6	

# BRAF/NRAS FFPET Mutation Test (LSR) Report

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**Test Status:** Valid

Position	Sample Name	Test Result	Mutation Result	Ct (Channel: MMx1;MMx2;MMx3)	Flag
B07:B08:B09	14/0396	Mutation Detected	BRAF V600E/E2/D	Ch 1: 26.8; 39.0; 38.4	
				Ch 2: NaN; 39.3; 37.0	
				Ch 3: NaN; 42.9; 40.2	
				Ch 4: 26.6; 25.6; 25.9	
C07:C08:C09	14/0398	Mutation Detected	BRAF V600E/E2/D	Ch 1: 24.7; 43.7; 38.0	
				Ch 2: 41.6; 35.5; 37.9	
				Ch 3: 35.9; 35.5; 35.8	
				Ch 4: 23.8; 23.7; 24.2	
D07:D08:D09	14/0418	No Mutation Detected	N/A	Ch 1: NaN; NaN; NaN	
				Ch 2: 38.7; 41.7; NaN	
				Ch 3: NaN; NaN; 39.4	
				Ch 4: 25.3; 25.0; 25.7	
E07:E08:E09	14/0419	Mutation Detected	BRAF V600E/E2/D	Ch 1: 29.4; NaN; NaN	
				Ch 2: NaN; 38.7; 35.7	
				Ch 3: 38.1; NaN; 37.4	
				Ch 4: 24.8; 24.9; 25.2	
F07:F08:F09	14/0420	Mutation Detected	NRAS Q61X	Ch 1: NaN; 40.4; 37.1	
				Ch 2: 38.2; 23.5; NaN	
				Ch 3: 37.1; 37.9; 36.0	
				Ch 4: 24.2; 23.5; 23.7	
G07:G08:G09	14/0422	No Mutation Detected	N/A	Ch 1: NaN; 39.6; NaN	
				Ch 2: NaN; 35.9; NaN	
				Ch 3: 36.4; NaN; 37.3	
				Ch 4: 24.2; 24.8; 25.2	
H07:H08:H09	14/0423	Mutation Detected	BRAF V600E/E2/D	Ch 1: 28.2; NaN; NaN	
				Ch 2: 39.8; 42.4; NaN	
				Ch 3: NaN; 41.1; 39.3	
				Ch 4: 26.6; 25.7; 26.1	

## BRAF/NRAS FFPET Mutation Test (LSR) Report

Raw Data File: Sample 1\_BRAFNRAS\_FFPET.ix0

**Test Status:** Valid

Position	Sample Name	Test Result	Mutation Result	Ct (Channel: MMx1;MMx2;MMx3)	Flag
A10:A11:A12	14/0425	Mutation Detected	BRAF V600E/E2/D	Ch 1: 27.5; NaN; NaN	
				Ch 2: 40.8; 40.1; NaN	
				Ch 3: 38.5; 38.1; 36.8	
				Ch 4: 24.9; 24.7; 25.3	
B10:B11:B12	14/0426	Mutation Detected	BRAF V600K	Ch 1: 25.4; 25.1; NaN	
				Ch 2: NaN; 40.3; NaN	
				Ch 3: NaN; NaN; 39.0	
				Ch 4: 25.4; 25.5; 25.9	
C10:C11:C12	14/0427	Mutation Detected	BRAF V600K	Ch 1: 25.4; 25.1; 41.9	
				Ch 2: NaN; 42.7; 39.1	
				Ch 3: NaN; 37.2; 38.6	
				Ch 4: 25.2; 25.2; 25.5	
D10:D11:D12	14/0429	No Mutation Detected	N/A	Ch 1: NaN; NaN; NaN	
				Ch 2: NaN; 44.8; NaN	
				Ch 3: NaN; NaN; 45.0	
				Ch 4: 28.5; 27.8; 27.8	
E10:E11:E12	14/0444	No Mutation Detected	N/A	Ch 1: NaN; NaN; NaN	
				Ch 2: 40.7; 39.3; 39.1	
				Ch 3: 37.5; NaN; 37.0	
				Ch 4: 23.8; 24.8; 25.1	
F10:F11:F12	14/0446	Mutation Detected	NRAS Q61X	Ch 1: NaN; 40.3; NaN	
				Ch 2: 38.4; 24.2; 36.6	
				Ch 3: 37.5; NaN; 35.3	
				Ch 4: 23.9; 23.7; 24.2	
G10:G11:G12	14/0492	Mutation Detected	BRAF V600E/E2/D	Ch 1: 27.0; NaN; 41.8	
				Ch 2: 42.7; NaN; 38.1	
				Ch 3: 39.3; NaN; 39.6	
				Ch 4: 26.4; 25.9; 26.1	

**BRAF/NRAS FFPET Mutation Test (LSR) Report**

Raw Data File: Sample 1\_BRAFNRAS\_FFPET.ixc

**Test Status:** Valid

Position	Sample Name	Test Result	Mutation Result	Ct (Channel: MMx1;MMx2;MMx3)	Flag
H10:H11:H12	13/9530	No Mutation Detected	N/A	Ch 1: NaN; 44.8; NaN	
				Ch 2: 42.5; 38.4; 36.3	
				Ch 3: NaN; 41.1; 40.4	
				Ch 4: 24.4; 24.8; 25.1	

**Comments:**

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**Operator:**\_\_\_\_\_  
Date\_\_\_\_\_  
Signature**Reviewer:**\_\_\_\_\_  
Date\_\_\_\_\_  
Signature