

Supplemental figure 1. Taqman RT-PCR detection of MAN2A1-FER in the blood samples of prostate cancer patients.

Supplemental figure 2. Taqman RT-PCR detection of TRMT11-GRIK2 in the blood samples of prostate cancer patients.

Supplemental figure 3. Taqman RT-PCR detection of mTOR-TP53BP1 in the blood samples of prostate cancer patients.

Supplemental figure 4. Taqman RT-PCR detection of CCNH-c5orf30 in the blood samples of prostate cancer patients.

Supplemental figure 5. Taqman RT-PCR detection of KDM4B-AC011523.2 in the blood samples of prostate cancer patients.

Supplemental figure 6. Taqman RT-PCR detection of SLC45A2-AMACR in the blood samples of prostate cancer patients.

Supplemental figure 7. Taqman RT-PCR detection of TMEM135-CCDC67 in the blood samples of prostate cancer patients.

Supplemental figure 8. Taqman RT-PCR detection of LRRC59-FLJ60017 in the blood samples of prostate cancer patients.

Supplemental figure 9. Taqman RT-PCR detection of Pten-NOLC1 in the blood samples of prostate cancer patients.

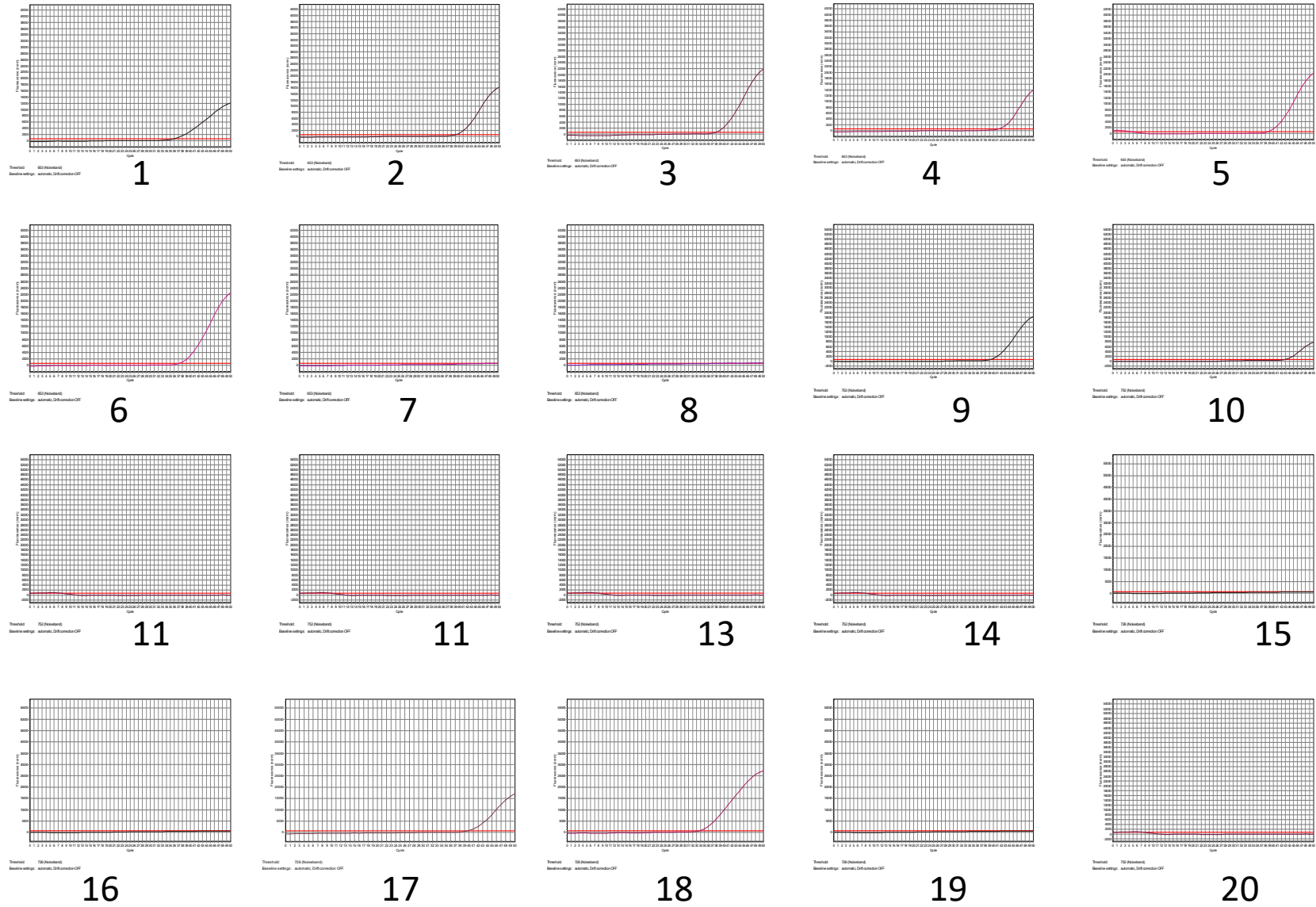
Supplemental figure 10. Taqman RT-PCR detection of β -actin in the blood samples of prostate cancer patients.

Supplemental figure 11. Images of representative Sanger's sequencings of fusion transcripts from the blood samples of the prostate cancer patients. Twenty to 100% of blood samples positive for fusion genes KDM4B-AC011523.2, CCNH-c5orf30, mTOR-TP53BP1, MAN2A1-FER, SLC45A2-AMACR and Pten-NOLC1 were sequenced using Sanger's method. The fusion juncture regions were shown and indicated.

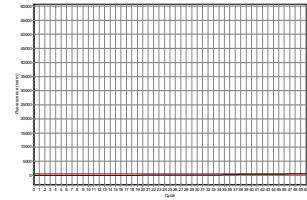
Supplemental figure 1

MAN2A1-FER fusion detection

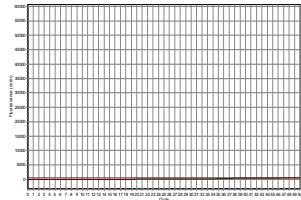
MAN2A1-FER-PROSTATE-BLOOD SAMPLE 1-20



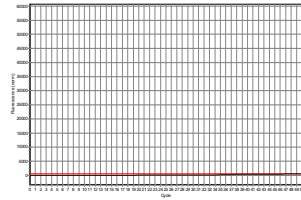
MAN2A1-FER-PROSTATE-BLOOD SAMPLE 21-40



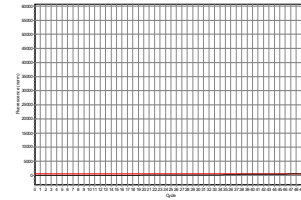
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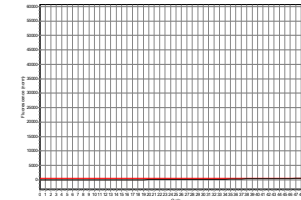
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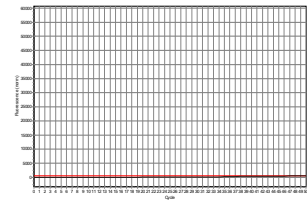
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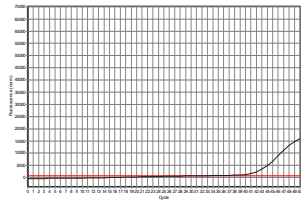
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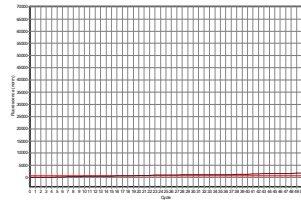
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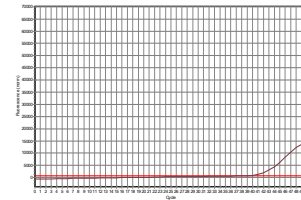
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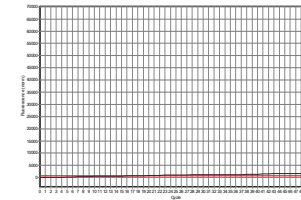
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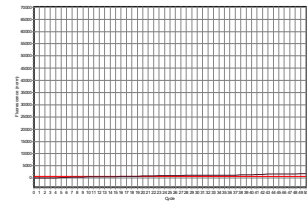
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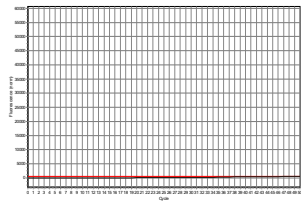
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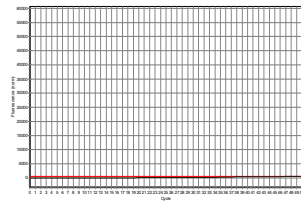
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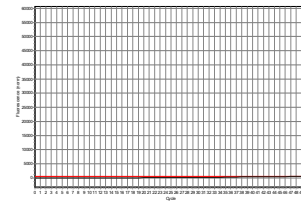
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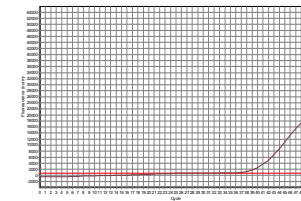
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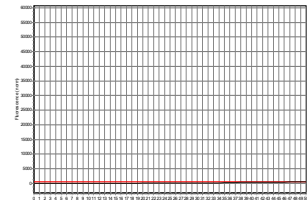
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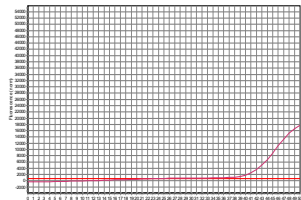
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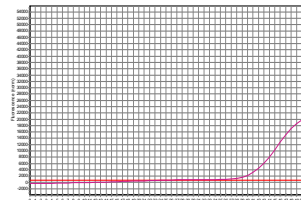
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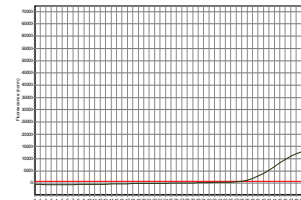
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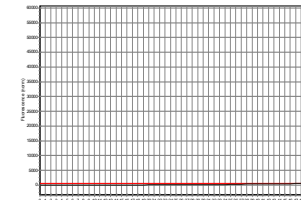
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38

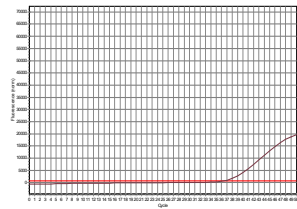


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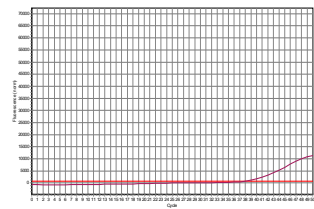


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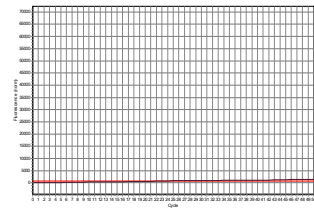
MAN2A1-FER-PROSTATE-BLOOD SAMPLE 41-60



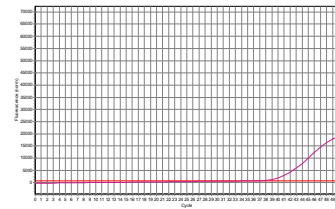
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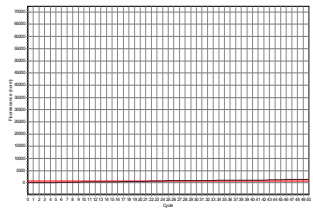
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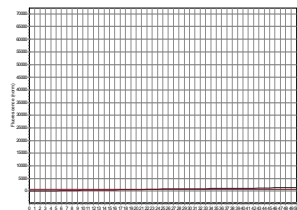
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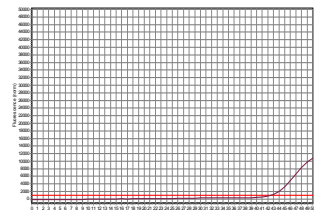
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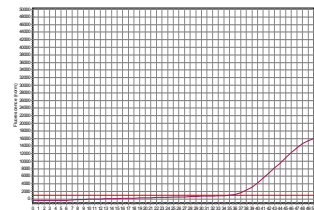
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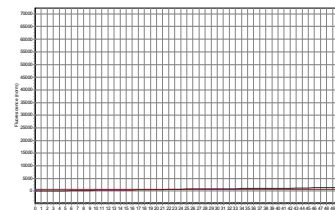
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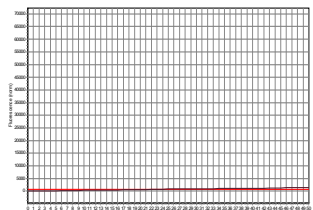
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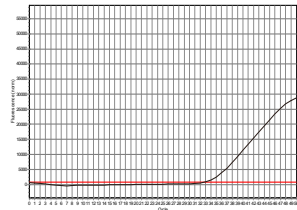
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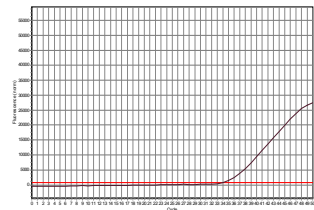
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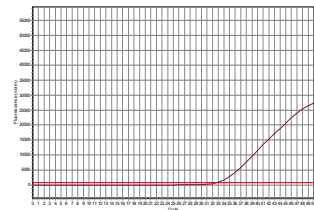
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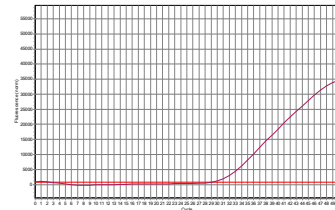
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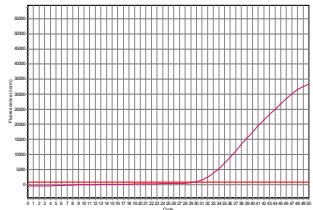
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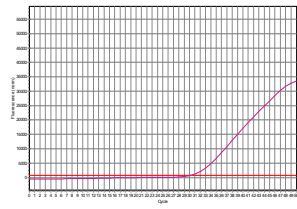
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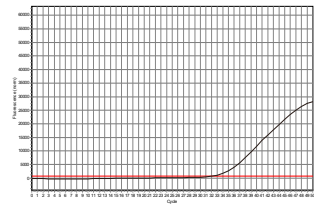
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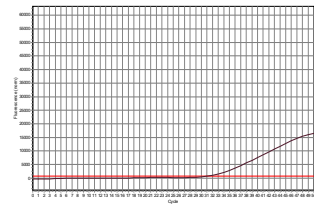
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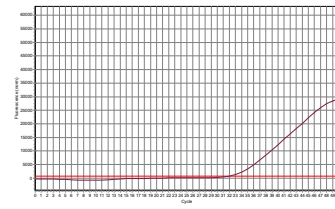
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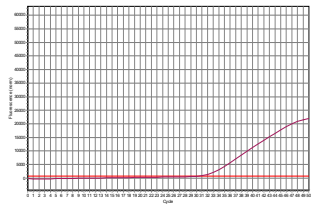
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58

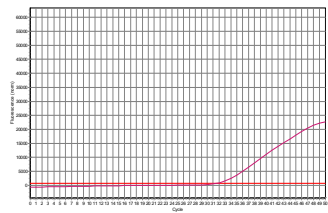


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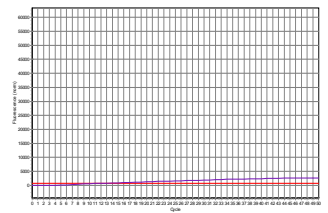
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MAN2A1-FER-PROSTATE-BLOOD SAMPLE 61-80



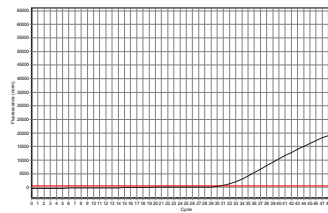
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Baseline settings: automatic, DR correction OFF

61



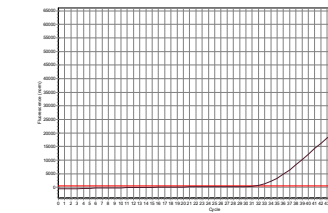
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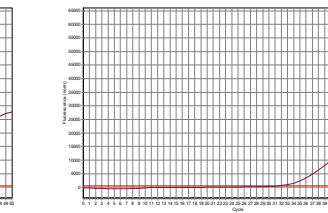
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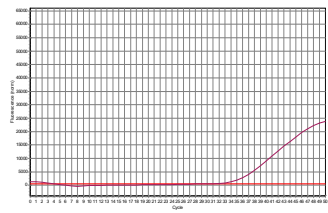
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Baseline settings: automatic, DR correction OFF

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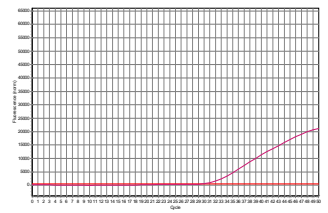
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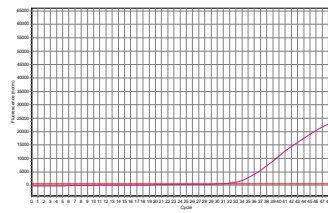
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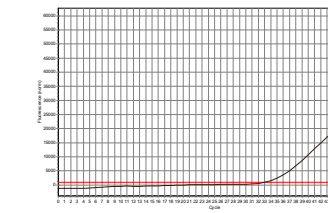
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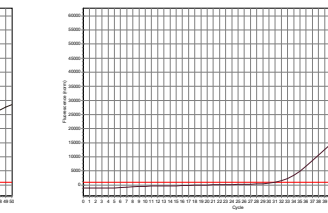
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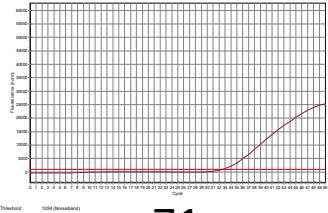
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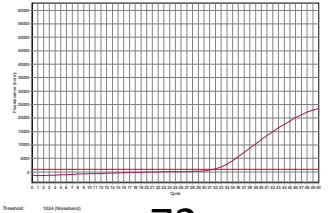
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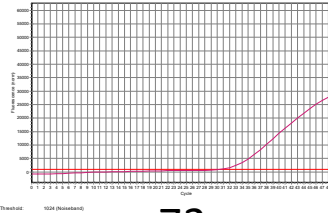
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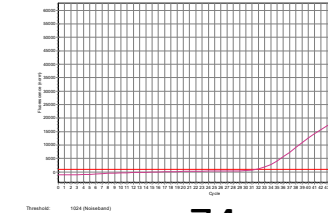
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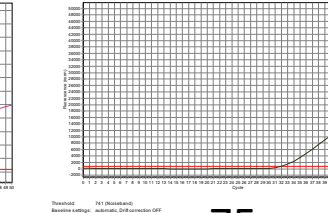
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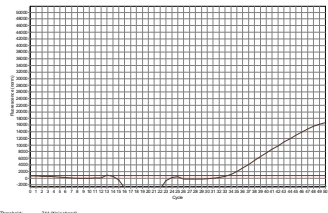
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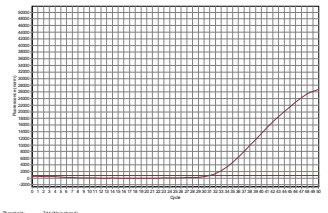
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Baseline settings: automatic, DR correction OFF

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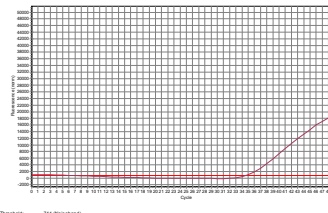
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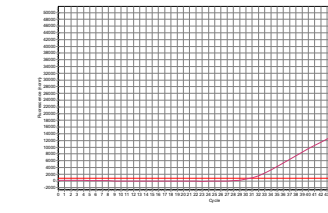
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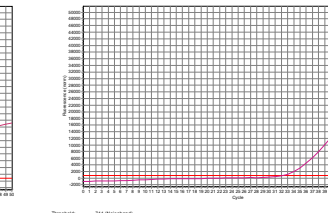
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Threshold: 71 (Nonband)
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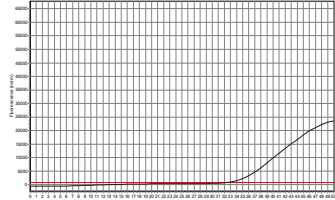
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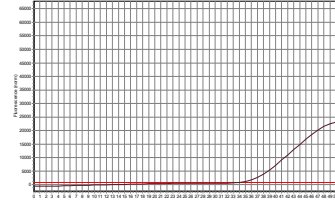
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MAN2A1-FER-PROSTATE-BLOOD SAMPLE 81-100



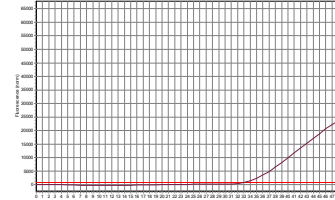
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Baseline settings: automatic, DR correction OFF

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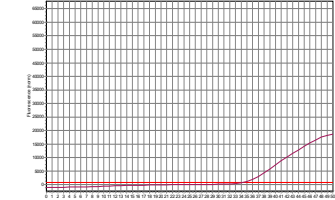
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Baseline settings: automatic, DR correction OFF

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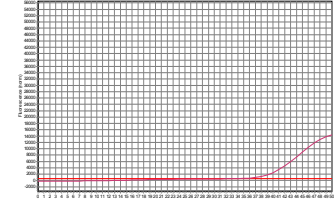
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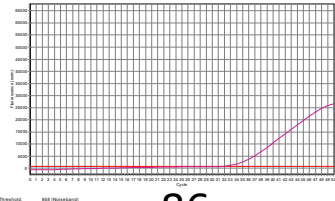
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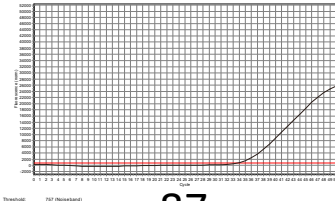
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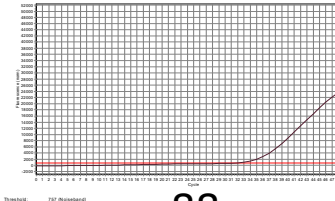
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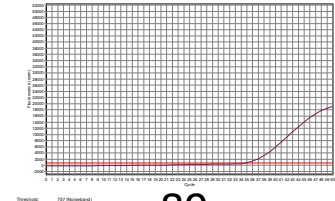
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87



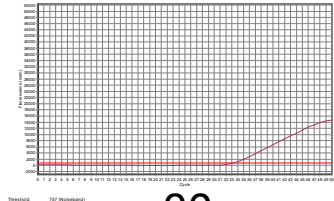
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Baseline settings: automatic, DR correction OFF

88



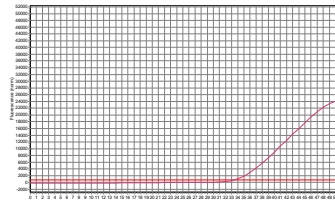
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Baseline settings: automatic, DR correction OFF

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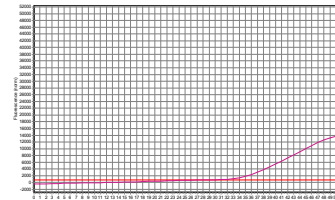
Threshold: 850 (Nonstandard)
Baseline settings: automatic, DR correction OFF

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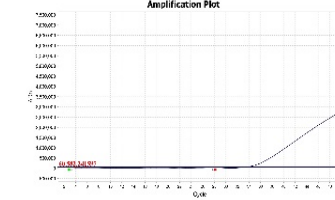
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Baseline settings: automatic, DR correction OFF

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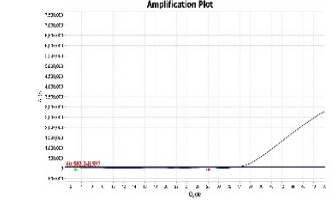
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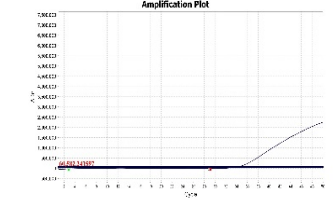
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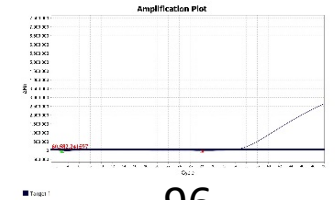
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Baseline settings: automatic, DR correction OFF

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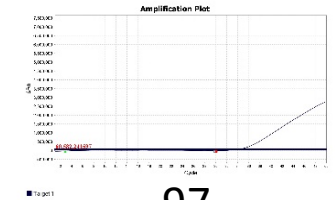
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Baseline settings: automatic, DR correction OFF

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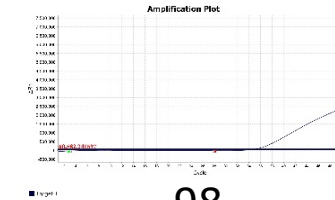
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Baseline settings: automatic, DR correction OFF

96



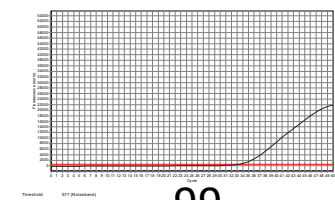
Threshold: 850 (Nonstandard)
Baseline settings: automatic, DR correction OFF

97



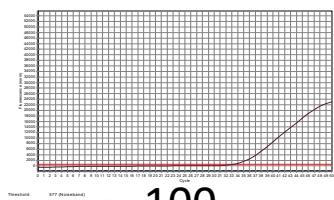
Threshold: 850 (Nonstandard)
Baseline settings: automatic, DR correction OFF

98



Threshold: 850 (Nonstandard)
Baseline settings: automatic, DR correction OFF

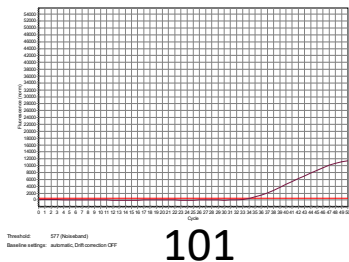
99



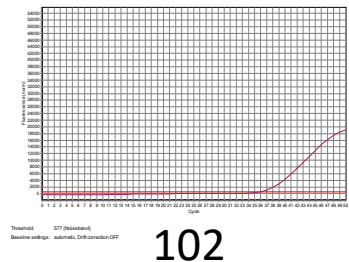
Threshold: 850 (Nonstandard)
Baseline settings: automatic, DR correction OFF

100

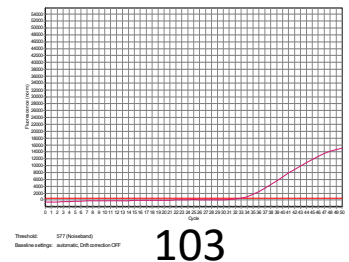
MAN2A1-FER-PROSTATE-BLOOD SAMPLE 101-120



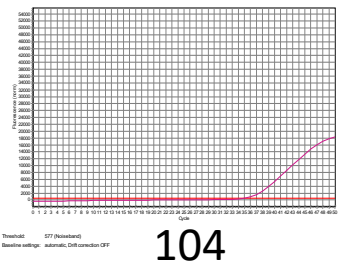
101



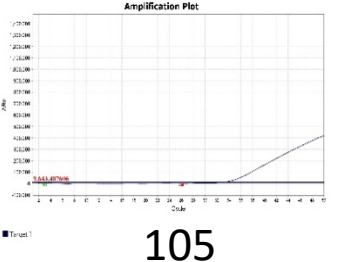
102



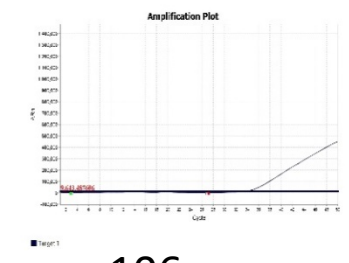
103



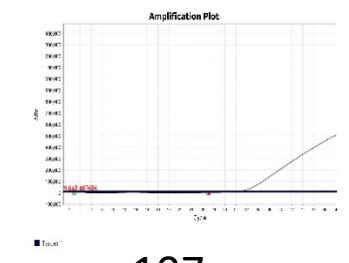
104



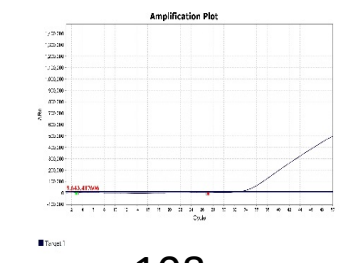
105



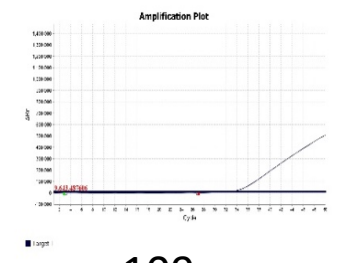
106



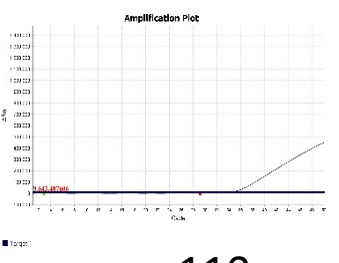
107



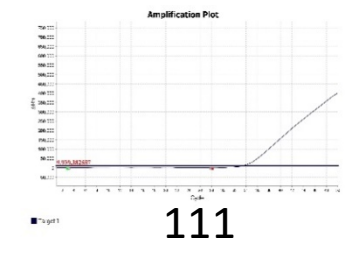
108



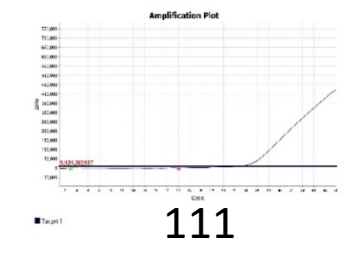
109



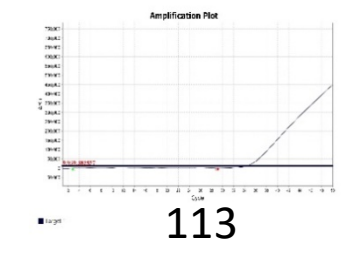
110



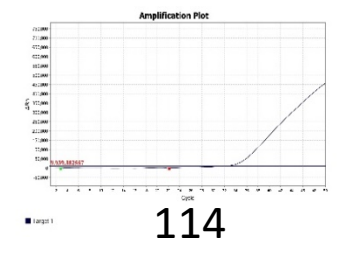
111



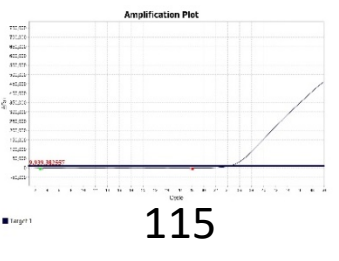
111



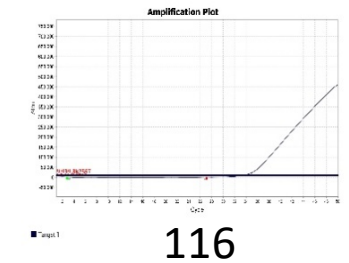
113



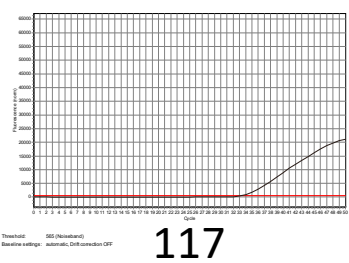
114



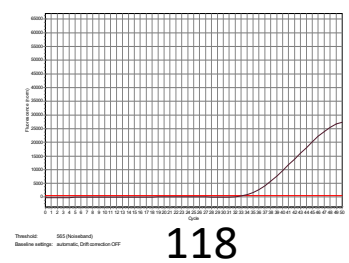
115



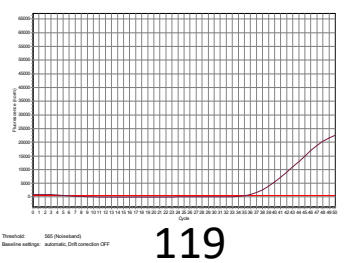
116



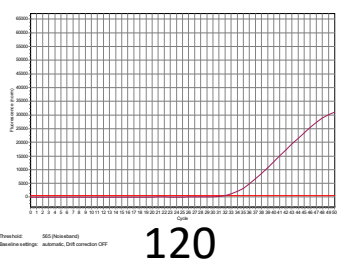
117



118

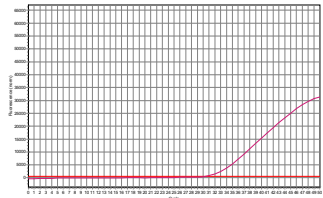


119



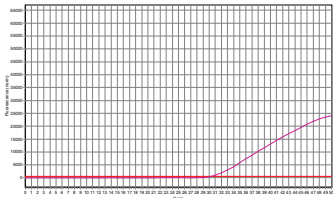
120

MAN2A1-FER-PROSTATE-BLOOD SAMPLE 121-140



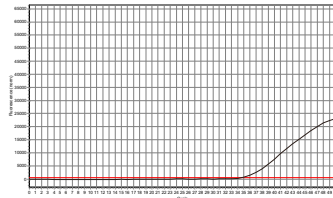
Threshold: SS2 (Histogram)
Baseline settings: automatic, DR correction OFF

121



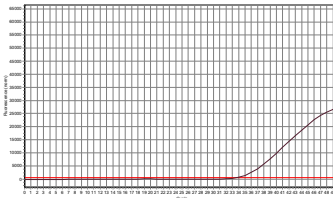
Threshold: SS2 (Histogram)
Baseline settings: automatic, DR correction OFF

122



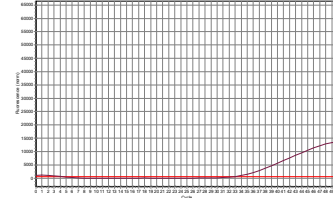
Threshold: SS2 (Histogram)
Baseline settings: automatic, DR correction OFF

123



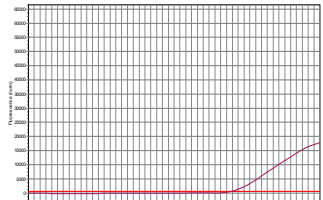
Threshold: SS2 (Histogram)
Baseline settings: automatic, DR correction OFF

124



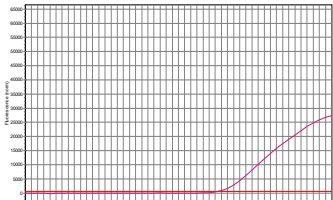
Threshold: SS2 (Histogram)
Baseline settings: automatic, DR correction OFF

125



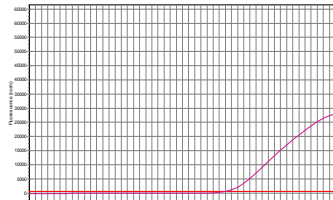
Threshold: SS2 (Histogram)
Baseline settings: automatic, DR correction OFF

126



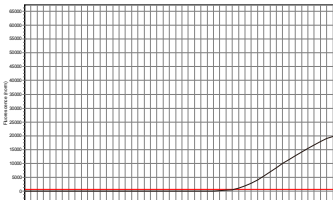
Threshold: SS2 (Histogram)
Baseline settings: automatic, DR correction OFF

127



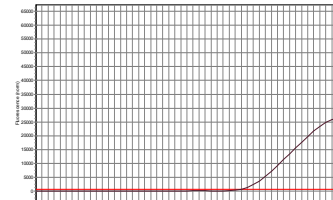
Threshold: SS2 (Histogram)
Baseline settings: automatic, DR correction OFF

128



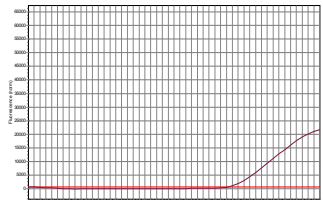
Threshold: SS2 (Histogram)
Baseline settings: automatic, DR correction OFF

129



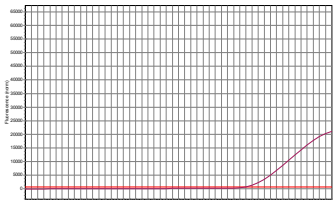
Threshold: SS2 (Histogram)
Baseline settings: automatic, DR correction OFF

130



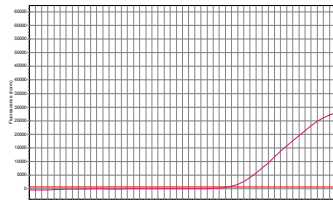
Threshold: SS2 (Histogram)
Baseline settings: automatic, DR correction OFF

131



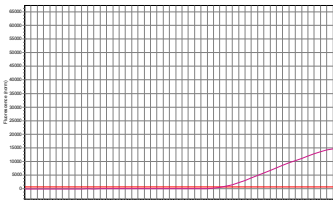
Threshold: SS2 (Histogram)
Baseline settings: automatic, DR correction OFF

132



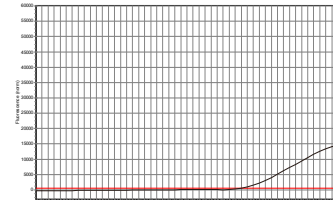
Threshold: SS2 (Histogram)
Baseline settings: automatic, DR correction OFF

133



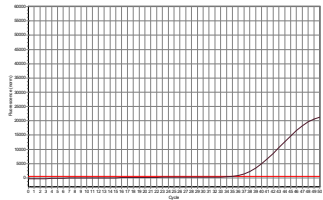
Threshold: SS2 (Histogram)
Baseline settings: automatic, DR correction OFF

134



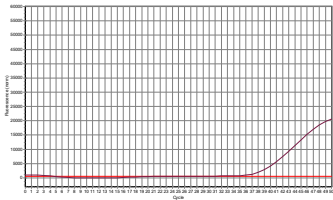
Threshold: SS2 (Histogram)
Baseline settings: automatic, DR correction OFF

135



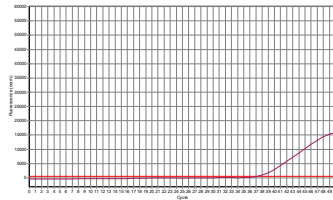
Threshold: SS2 (Histogram)
Baseline settings: automatic, DR correction OFF

136



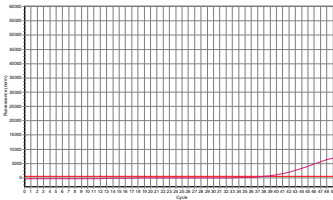
Threshold: SS2 (Histogram)
Baseline settings: automatic, DR correction OFF

137



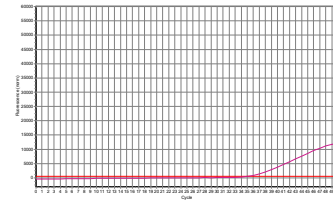
Threshold: SS2 (Histogram)
Baseline settings: automatic, DR correction OFF

138



Threshold: SS2 (Histogram)
Baseline settings: automatic, DR correction OFF

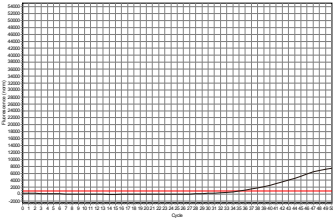
139



Threshold: SS2 (Histogram)
Baseline settings: automatic, DR correction OFF

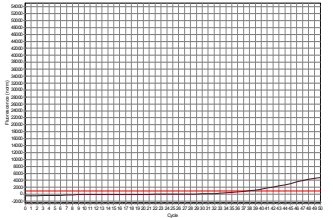
140

MAN2A1-FER-PROSTATE-BLOOD SAMPLE 141-150



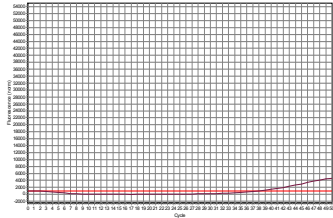
Threshold: ISG (Adjusted manually)
Baseline settings: automatic, DR correction OFF

141



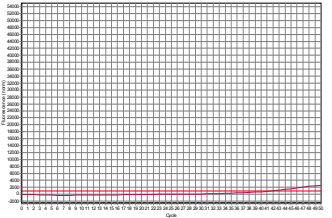
Threshold: ISG (Adjusted manually)
Baseline settings: automatic, DR correction OFF

142



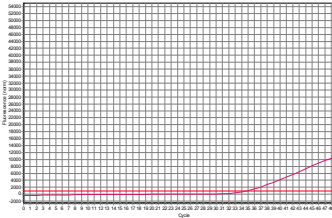
Threshold: ISG (Adjusted manually)
Baseline settings: automatic, DR correction OFF

143



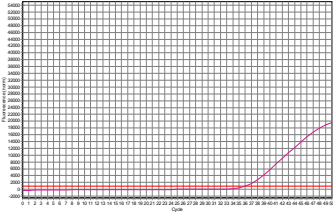
Threshold: ISG (Adjusted manually)
Baseline settings: automatic, DR correction OFF

144



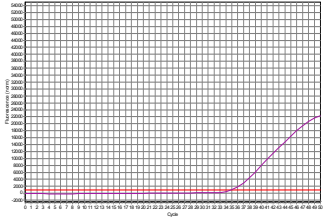
Threshold: ISG (Adjusted manually)
Baseline settings: automatic, DR correction OFF

145



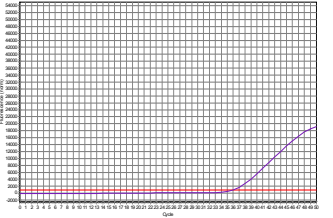
Threshold: ISG (Adjusted manually)
Baseline settings: automatic, DR correction OFF

146



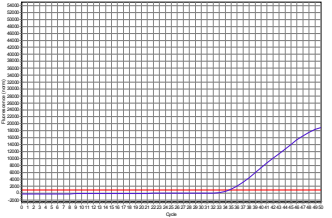
Threshold: ISG (Adjusted manually)
Baseline settings: automatic, DR correction OFF

147



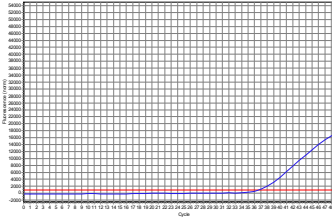
Threshold: ISG (Adjusted manually)
Baseline settings: automatic, DR correction OFF

148



Threshold: ISG (Adjusted manually)
Baseline settings: automatic, DR correction OFF

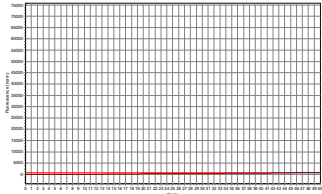
149



Threshold: ISG (Adjusted manually)
Baseline settings: automatic, DR correction OFF

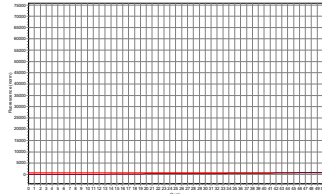
150

TRMT11-GRIK2-PROSTATE-BLOOD SAMPLE 21-40



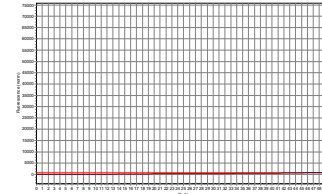
Threshold: 657 (Non-zero)
Baseline settings: automatic, DSB correction OFF

21



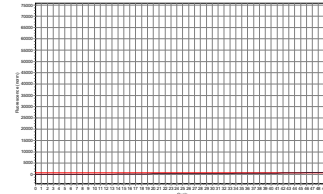
Threshold: 657 (Non-zero)
Baseline settings: automatic, DSB correction OFF

22



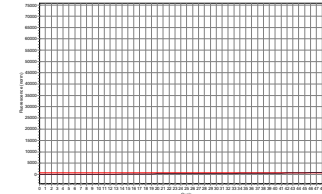
Threshold: 657 (Non-zero)
Baseline settings: automatic, DSB correction OFF

23



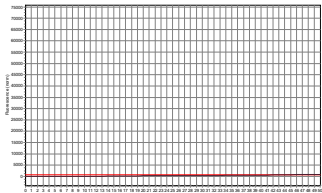
Threshold: 657 (Non-zero)
Baseline settings: automatic, DSB correction OFF

24



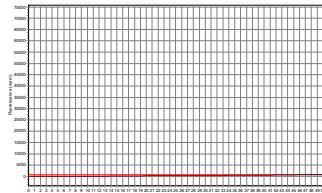
Threshold: 657 (Non-zero)
Baseline settings: automatic, DSB correction OFF

25



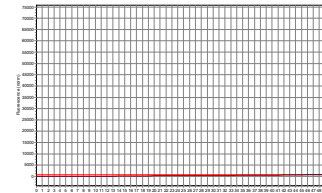
Threshold: 657 (Non-zero)
Baseline settings: automatic, DSB correction OFF

26



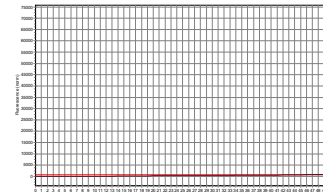
Threshold: 657 (Non-zero)
Baseline settings: automatic, DSB correction OFF

27



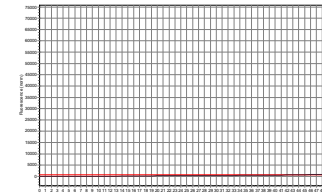
Threshold: 657 (Non-zero)
Baseline settings: automatic, DSB correction OFF

28



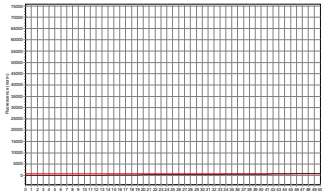
Threshold: 657 (Non-zero)
Baseline settings: automatic, DSB correction OFF

29



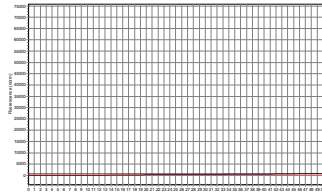
Threshold: 657 (Non-zero)
Baseline settings: automatic, DSB correction OFF

30



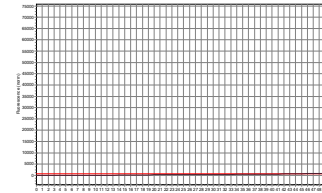
Threshold: 657 (Non-zero)
Baseline settings: automatic, DSB correction OFF

31



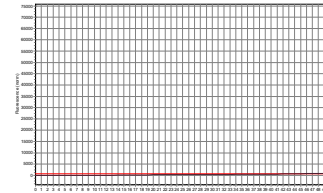
Threshold: 657 (Non-zero)
Baseline settings: automatic, DSB correction OFF

32



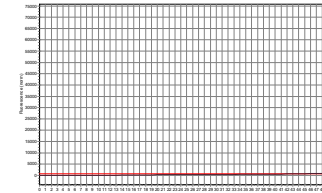
Threshold: 657 (Non-zero)
Baseline settings: automatic, DSB correction OFF

33



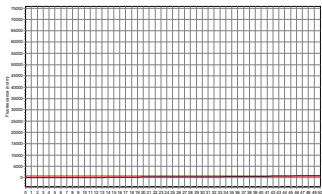
Threshold: 657 (Non-zero)
Baseline settings: automatic, DSB correction OFF

34



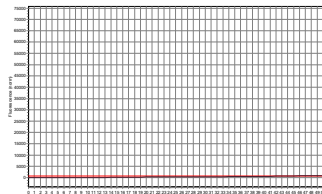
Threshold: 657 (Non-zero)
Baseline settings: automatic, DSB correction OFF

35



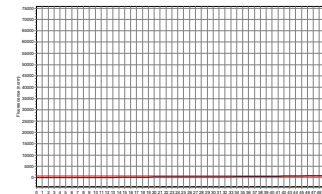
Threshold: 657 (Non-zero)
Baseline settings: automatic, DSB correction OFF

36



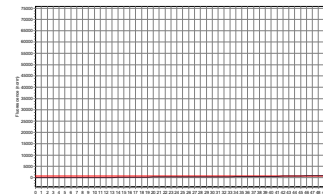
Threshold: 657 (Non-zero)
Baseline settings: automatic, DSB correction OFF

37



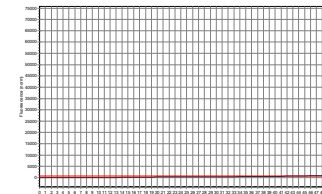
Threshold: 657 (Non-zero)
Baseline settings: automatic, DSB correction OFF

38



Threshold: 657 (Non-zero)
Baseline settings: automatic, DSB correction OFF

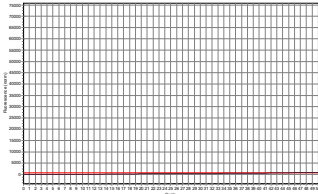
39



Threshold: 657 (Non-zero)
Baseline settings: automatic, DSB correction OFF

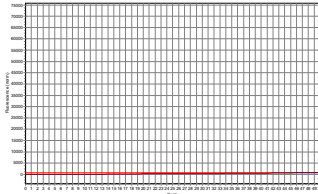
40

TRMT11-GRIK2-PROSTATE-BLOOD SAMPLE 41-60



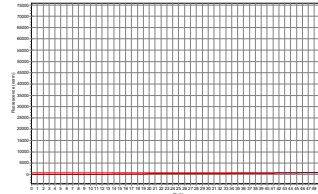
Threatest: 657 (Non-zero)
Baseline settings: automatic, DR correction OFF

41



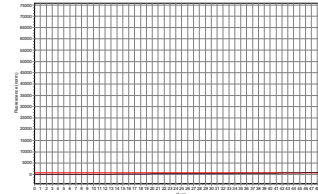
Threatest: 657 (Non-zero)
Baseline settings: automatic, DR correction OFF

42



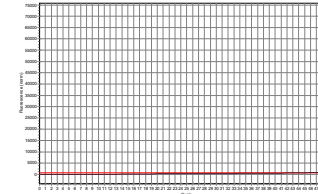
Threatest: 657 (Non-zero)
Baseline settings: automatic, DR correction OFF

43



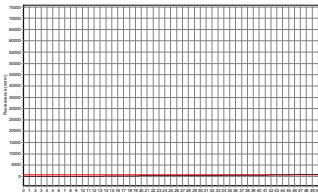
Threatest: 657 (Non-zero)
Baseline settings: automatic, DR correction OFF

44



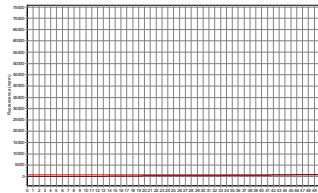
Threatest: 657 (Non-zero)
Baseline settings: automatic, DR correction OFF

45



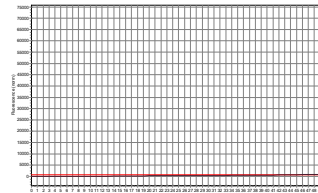
Threatest: 657 (Non-zero)
Baseline settings: automatic, DR correction OFF

46



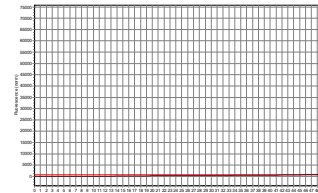
Threatest: 657 (Non-zero)
Baseline settings: automatic, DR correction OFF

47



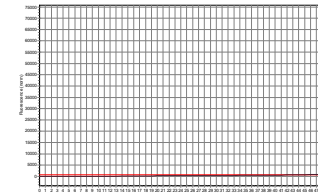
Threatest: 657 (Non-zero)
Baseline settings: automatic, DR correction OFF

47



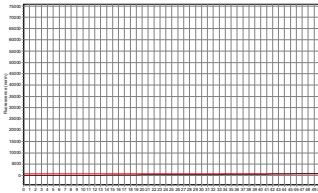
Threatest: 657 (Non-zero)
Baseline settings: automatic, DR correction OFF

49



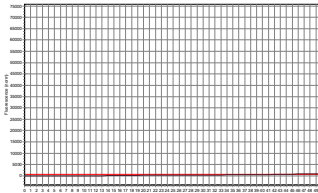
Threatest: 657 (Non-zero)
Baseline settings: automatic, DR correction OFF

50



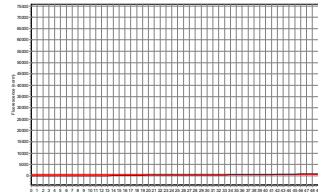
Threatest: 657 (Non-zero)
Baseline settings: automatic, DR correction OFF

51



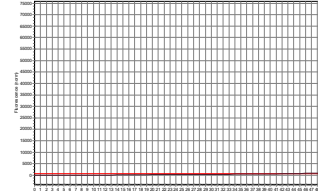
Threatest: 657 (Non-zero)
Baseline settings: automatic, DR correction OFF

52



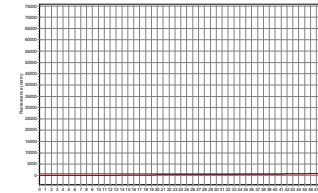
Threatest: 657 (Non-zero)
Baseline settings: automatic, DR correction OFF

53



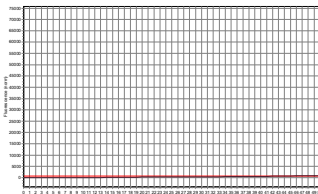
Threatest: 657 (Non-zero)
Baseline settings: automatic, DR correction OFF

54



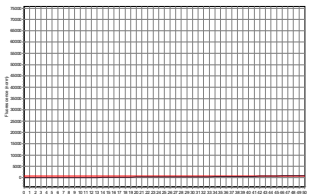
Threatest: 657 (Non-zero)
Baseline settings: automatic, DR correction OFF

55



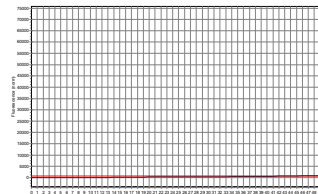
Threatest: 657 (Non-zero)
Baseline settings: automatic, DR correction OFF

56



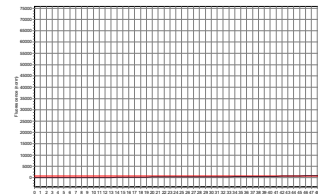
Threatest: 657 (Non-zero)
Baseline settings: automatic, DR correction OFF

57



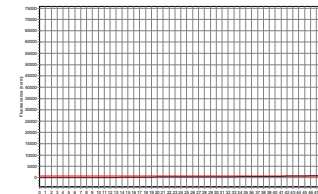
Threatest: 657 (Non-zero)
Baseline settings: automatic, DR correction OFF

58



Threatest: 657 (Non-zero)
Baseline settings: automatic, DR correction OFF

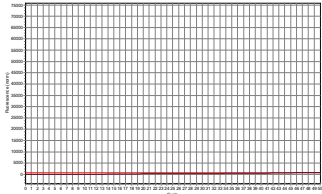
59



Threatest: 657 (Non-zero)
Baseline settings: automatic, DR correction OFF

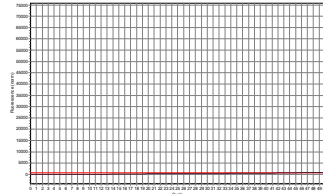
60

TRMT11-GRIK2-PROSTATE-BLOOD SAMPLE 61-80



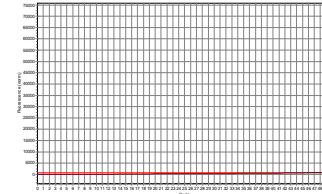
Threat: 657 (NonMatch)
Baseline settings: automatic, DfH correction OFF

61



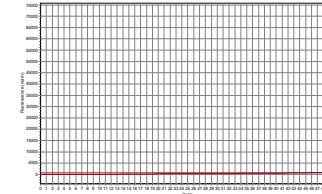
Threat: 657 (NonMatch)
Baseline settings: automatic, DfH correction OFF

62



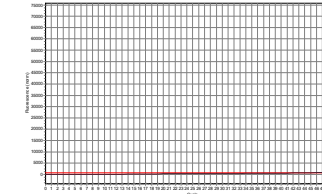
Threat: 657 (NonMatch)
Baseline settings: automatic, DfH correction OFF

63



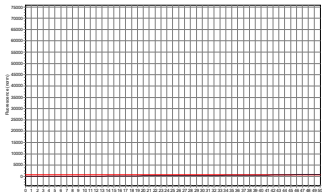
Threat: 657 (NonMatch)
Baseline settings: automatic, DfH correction OFF

64



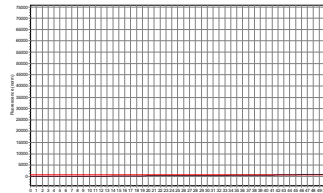
Threat: 657 (NonMatch)
Baseline settings: automatic, DfH correction OFF

65



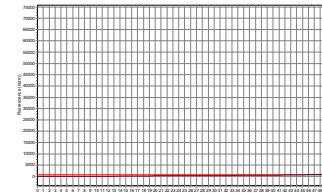
Threat: 657 (NonMatch)
Baseline settings: automatic, DfH correction OFF

66



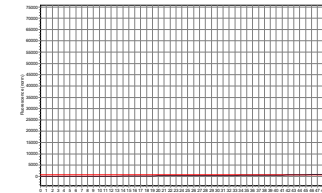
Threat: 657 (NonMatch)
Baseline settings: automatic, DfH correction OFF

67



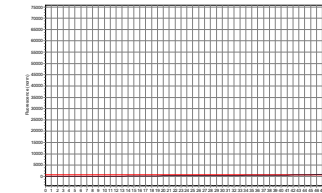
Threat: 657 (NonMatch)
Baseline settings: automatic, DfH correction OFF

68



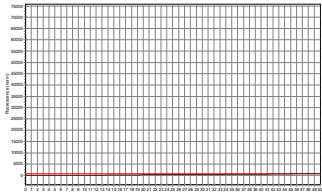
Threat: 657 (NonMatch)
Baseline settings: automatic, DfH correction OFF

69



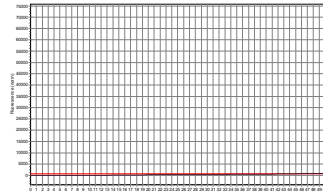
Threat: 657 (NonMatch)
Baseline settings: automatic, DfH correction OFF

70



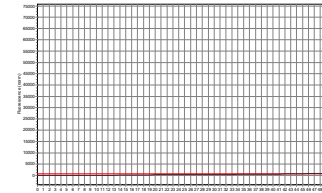
Threat: 657 (NonMatch)
Baseline settings: automatic, DfH correction OFF

71



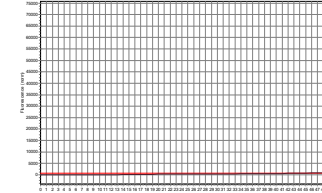
Threat: 657 (NonMatch)
Baseline settings: automatic, DfH correction OFF

72



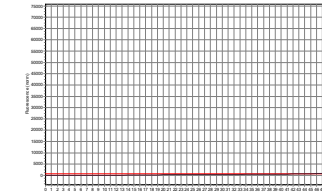
Threat: 657 (NonMatch)
Baseline settings: automatic, DfH correction OFF

73



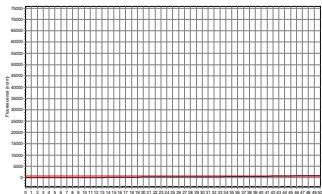
Threat: 657 (NonMatch)
Baseline settings: automatic, DfH correction OFF

74



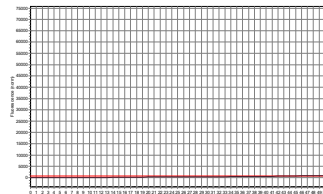
Threat: 657 (NonMatch)
Baseline settings: automatic, DfH correction OFF

75



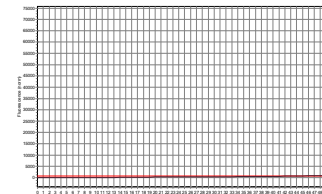
Threat: 657 (NonMatch)
Baseline settings: automatic, DfH correction OFF

76



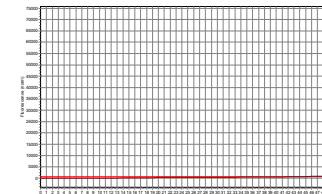
Threat: 657 (NonMatch)
Baseline settings: automatic, DfH correction OFF

77



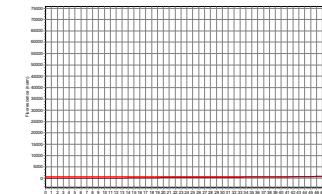
Threat: 657 (NonMatch)
Baseline settings: automatic, DfH correction OFF

78



Threat: 657 (NonMatch)
Baseline settings: automatic, DfH correction OFF

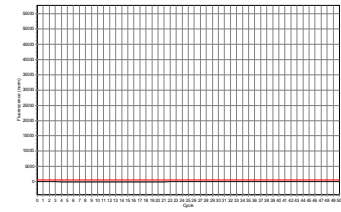
79



Threat: 657 (NonMatch)
Baseline settings: automatic, DfH correction OFF

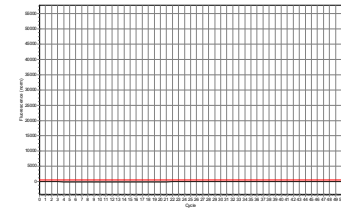
80

TRMT11-GRIK2-PROSTATE-BLOOD SAMPLE 81-100



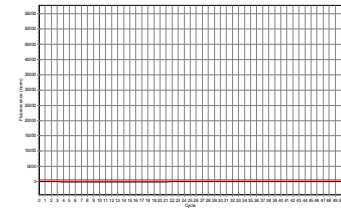
Threshold: 487 (Noisefloor)
Baseline settings: automatic, Drift correction OFF

81



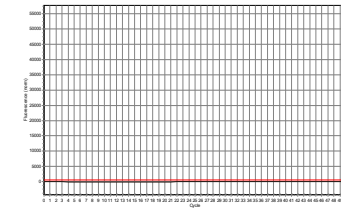
Threshold: 487 (Noisefloor)
Baseline settings: automatic, Drift correction OFF

82



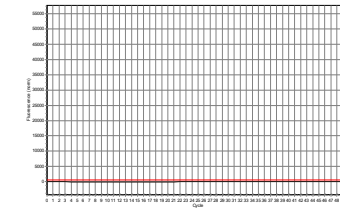
Threshold: 487 (Noisefloor)
Baseline settings: automatic, Drift correction OFF

83



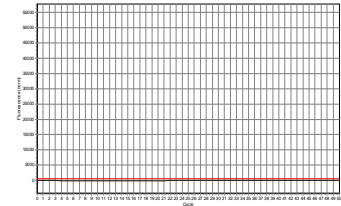
Threshold: 487 (Noisefloor)
Baseline settings: automatic, Drift correction OFF

84



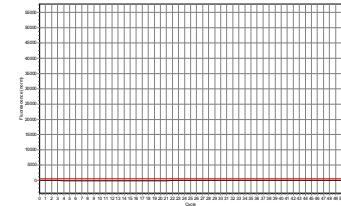
Threshold: 487 (Noisefloor)
Baseline settings: automatic, Drift correction OFF

85



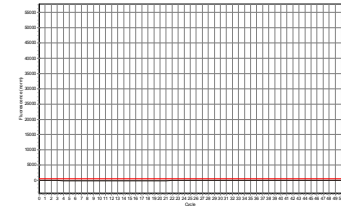
Threshold: 487 (Noisefloor)
Baseline settings: automatic, Drift correction OFF

86



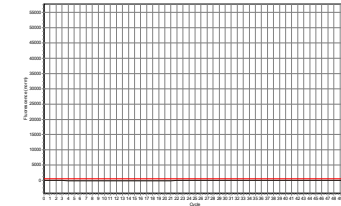
Threshold: 487 (Noisefloor)
Baseline settings: automatic, Drift correction OFF

87



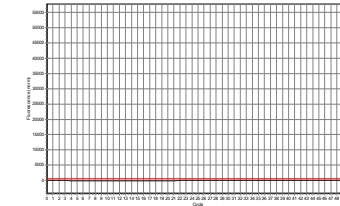
Threshold: 487 (Noisefloor)
Baseline settings: automatic, Drift correction OFF

88



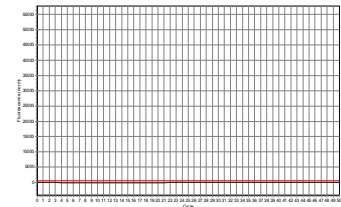
Threshold: 487 (Noisefloor)
Baseline settings: automatic, Drift correction OFF

89



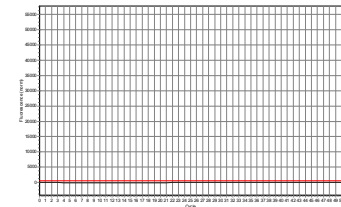
Threshold: 487 (Noisefloor)
Baseline settings: automatic, Drift correction OFF

90



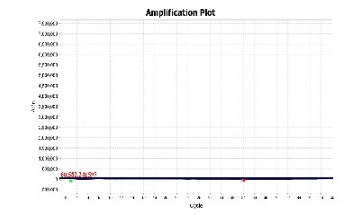
Threshold: 487 (Noisefloor)
Baseline settings: automatic, Drift correction OFF

91

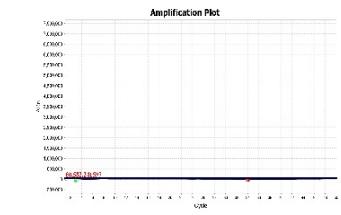


Threshold: 487 (Noisefloor)
Baseline settings: automatic, Drift correction OFF

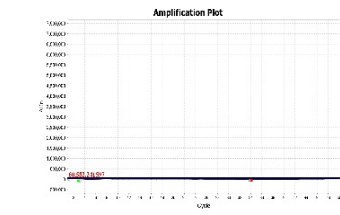
92



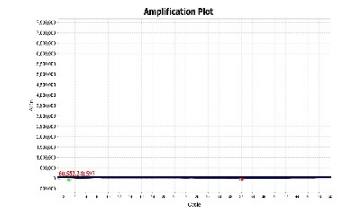
93



94

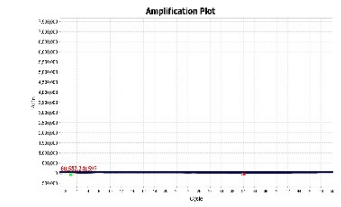


95



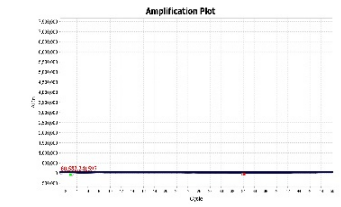
■ 10^1

96

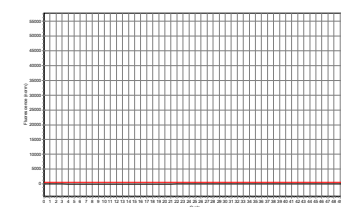


■ 10^1

97

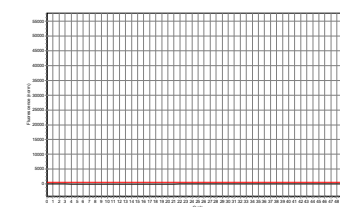


98



Threshold: 487 (Noisefloor)
Baseline settings: automatic, Drift correction OFF

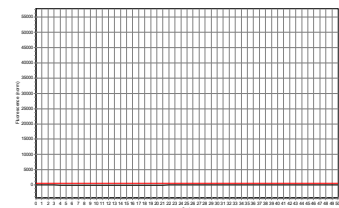
99



Threshold: 487 (Noisefloor)
Baseline settings: automatic, Drift correction OFF

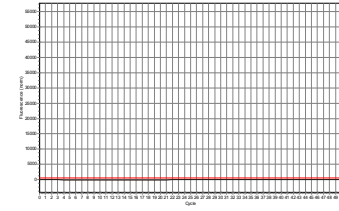
100

TRMT11-GRIK2-PROSTATE-BLOOD SAMPLE 101-120



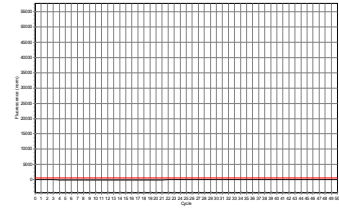
Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction: OFF

101



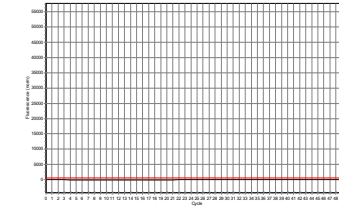
Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction: OFF

102



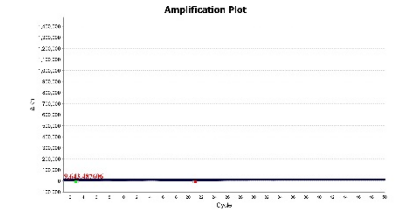
Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction: OFF

103



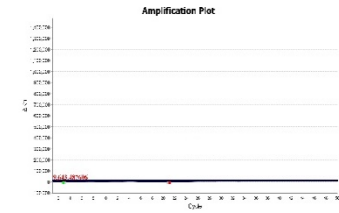
Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction: OFF

104



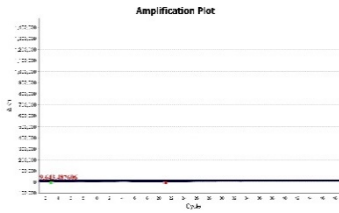
Target 1

105



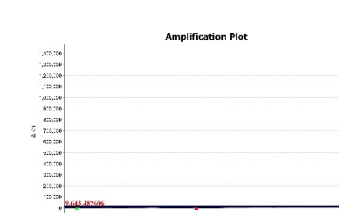
Target 1

106



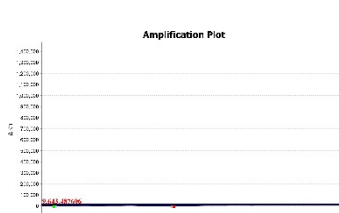
Target 1

107



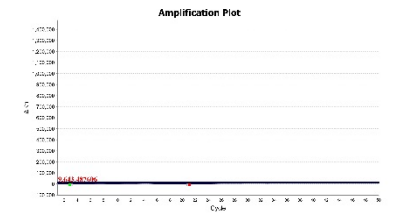
Target 1

108



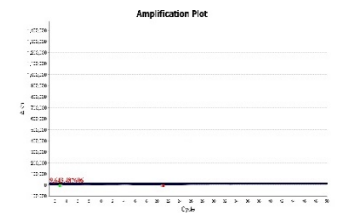
Target 1

109



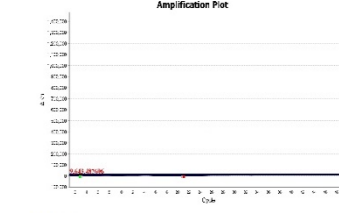
Target 1

110



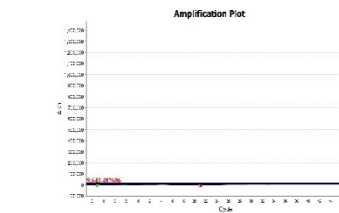
Target 1

111



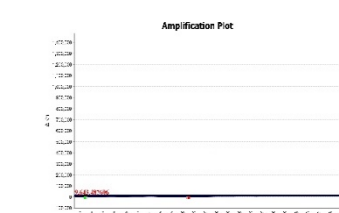
Target 1

111



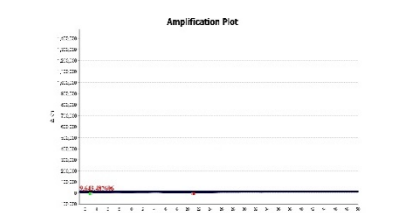
Target 1

113



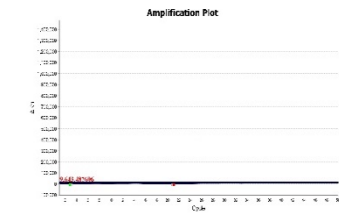
Target 1

114



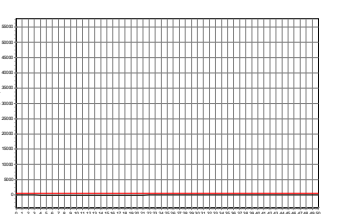
Target 1

115



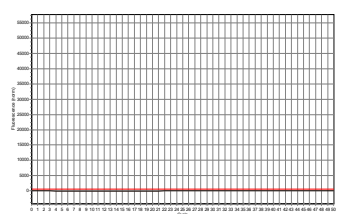
Target 1

116



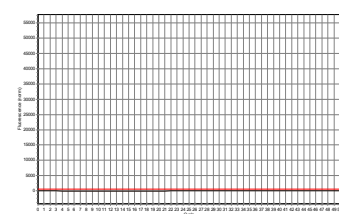
Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction: OFF

117



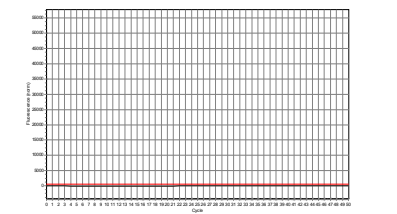
Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction: OFF

118



Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction: OFF

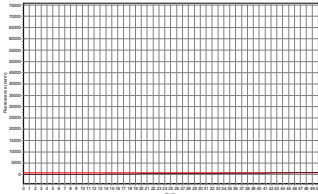
119



Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction: OFF

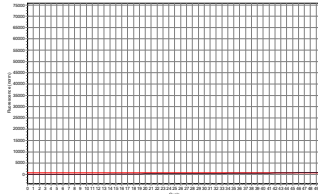
120

TRMT11-GRIK2-PROSTATE-BLOOD SAMPLE 141-150



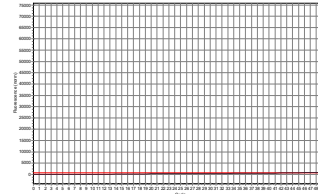
Threshold: 657 (Normal)
Baseline settings: automatic, Dtk correction OFF

141



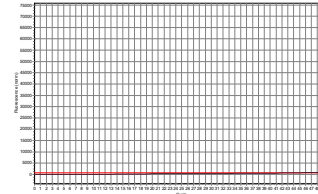
Threshold: 657 (Normal)
Baseline settings: automatic, Dtk correction OFF

142



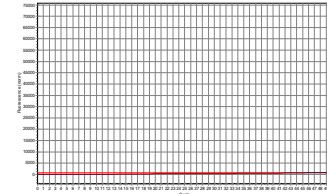
Threshold: 657 (Normal)
Baseline settings: automatic, Dtk correction OFF

143



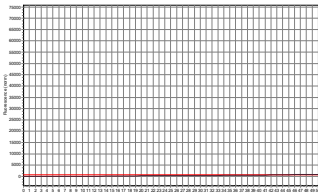
Threshold: 657 (Normal)
Baseline settings: automatic, Dtk correction OFF

144



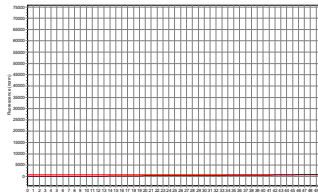
Threshold: 657 (Normal)
Baseline settings: automatic, Dtk correction OFF

145



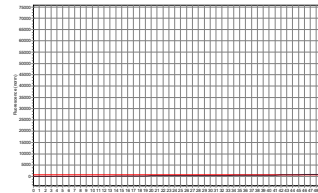
Threshold: 657 (Normal)
Baseline settings: automatic, Dtk correction OFF

146



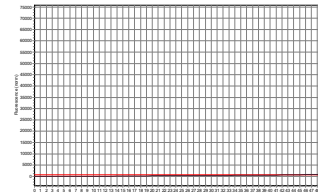
Threshold: 657 (Normal)
Baseline settings: automatic, Dtk correction OFF

147



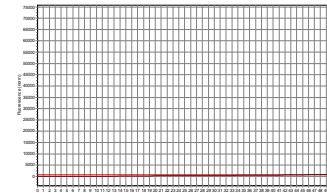
Threshold: 657 (Normal)
Baseline settings: automatic, Dtk correction OFF

148



Threshold: 657 (Normal)
Baseline settings: automatic, Dtk correction OFF

149

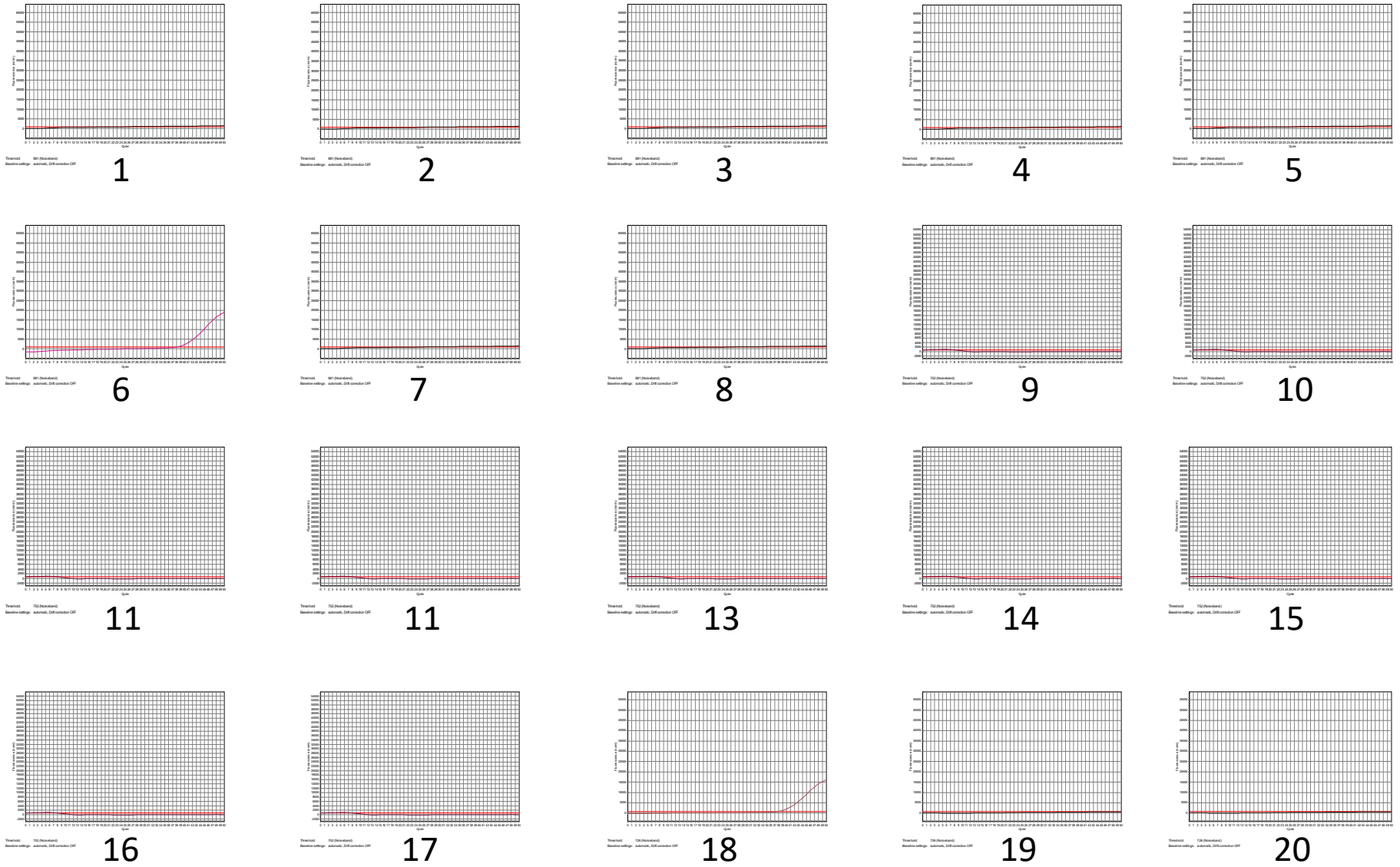


Threshold: 657 (Normal)
Baseline settings: automatic, Dtk correction OFF

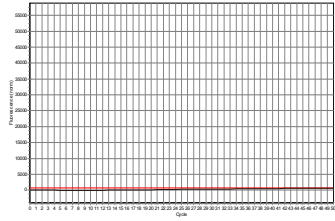
150

Supplemental figure 3

mTOR-TP53BP1 fusion detection mTOR-TP53BP1-PROSTATE-BLOOD SAMPLE 1-20

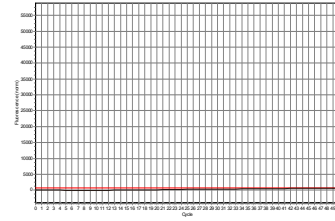


mTOR-TP53BP1-PROSTATE-BLOOD SAMPLE 21-40



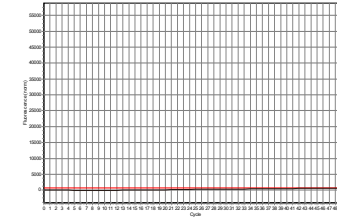
Threshold: T26 (Noisiband)
Baseline settings: automatic, DR correction OFF

21



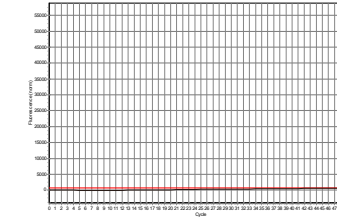
Threshold: T26 (Noisiband)
Baseline settings: automatic, DR correction OFF

22



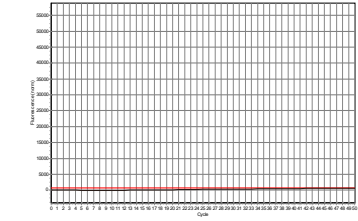
Threshold: T26 (Noisiband)
Baseline settings: automatic, DR correction OFF

23



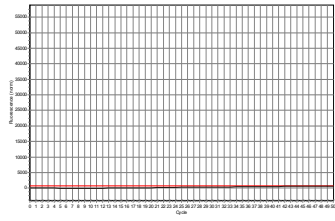
Threshold: T26 (Noisiband)
Baseline settings: automatic, DR correction OFF

24



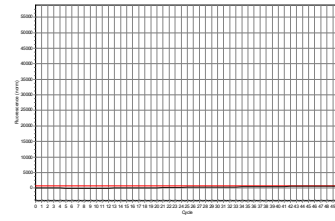
Threshold: T26 (Noisiband)
Baseline settings: automatic, DR correction OFF

25



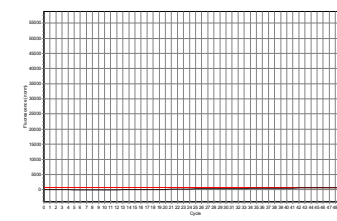
Threshold: T26 (Noisiband)
Baseline settings: automatic, DR correction OFF

26



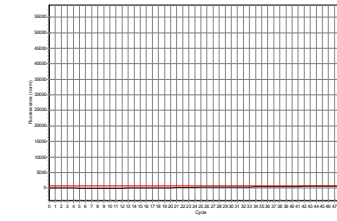
Threshold: T26 (Noisiband)
Baseline settings: automatic, DR correction OFF

27



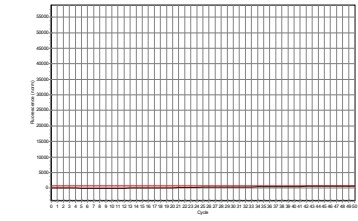
Threshold: T26 (Noisiband)
Baseline settings: automatic, DR correction OFF

28



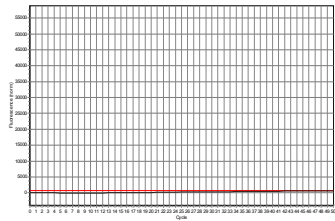
Threshold: T26 (Noisiband)
Baseline settings: automatic, DR correction OFF

29



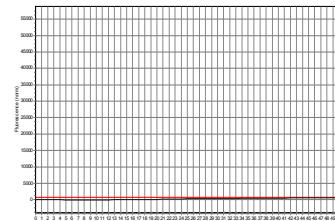
Threshold: T26 (Noisiband)
Baseline settings: automatic, DR correction OFF

30



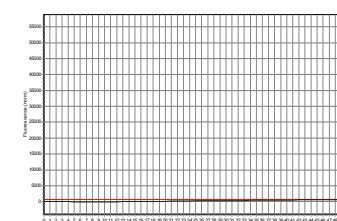
Threshold: T26 (Noisiband)
Baseline settings: automatic, DR correction OFF

31



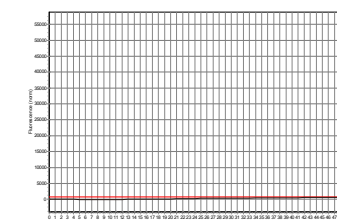
Threshold: T26 (Noisiband)
Baseline settings: automatic, DR correction OFF

32



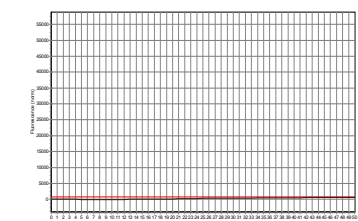
Threshold: T26 (Noisiband)
Baseline settings: automatic, DR correction OFF

33



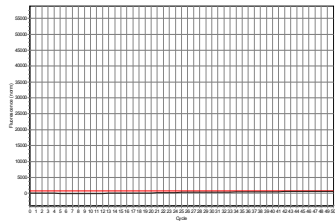
Threshold: T26 (Noisiband)
Baseline settings: automatic, DR correction OFF

34



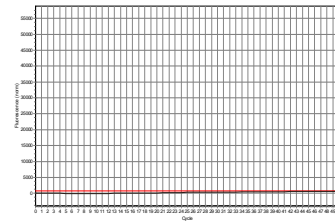
Threshold: T26 (Noisiband)
Baseline settings: automatic, DR correction OFF

35



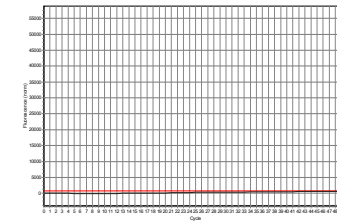
Threshold: T26 (Noisiband)
Baseline settings: automatic, DR correction OFF

36



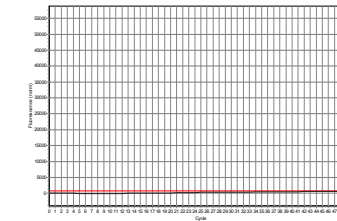
Threshold: T26 (Noisiband)
Baseline settings: automatic, DR correction OFF

37



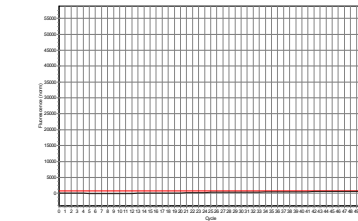
Threshold: T26 (Noisiband)
Baseline settings: automatic, DR correction OFF

38



Threshold: T26 (Noisiband)
Baseline settings: automatic, DR correction OFF

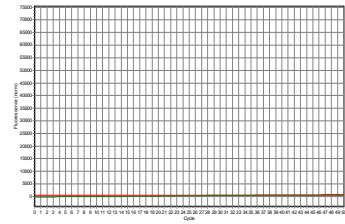
39



Threshold: T26 (Noisiband)
Baseline settings: automatic, DR correction OFF

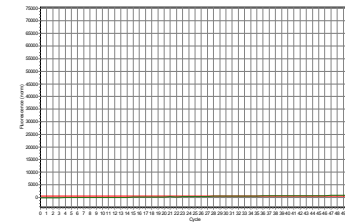
40

mTOR-TP53BP1-PROSTATE-BLOOD SAMPLE 41-60



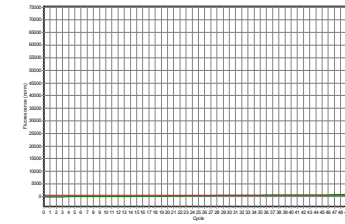
Threshold: 432 (Noisband)
Baseline settings: automatic, DfH correction OFF

41



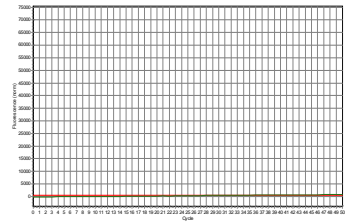
Threshold: 432 (Noisband)
Baseline settings: automatic, DfH correction OFF

42



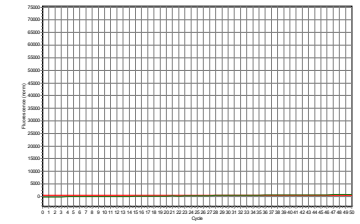
Threshold: 432 (Noisband)
Baseline settings: automatic, DfH correction OFF

43



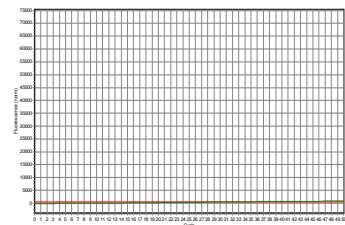
Threshold: 432 (Noisband)
Baseline settings: automatic, DfH correction OFF

44



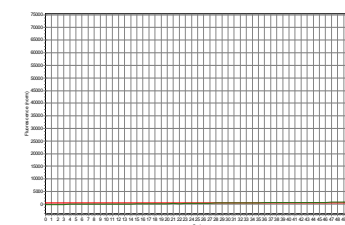
Threshold: 432 (Noisband)
Baseline settings: automatic, DfH correction OFF

45



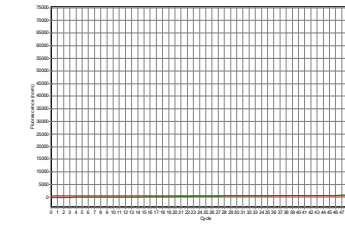
Threshold: 432 (Noisband)
Baseline settings: automatic, DfH correction OFF

46



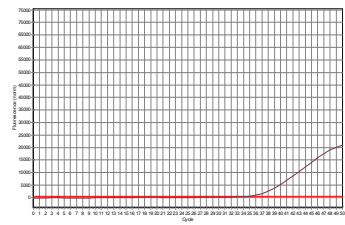
Threshold: 432 (Noisband)
Baseline settings: automatic, DfH correction OFF

47



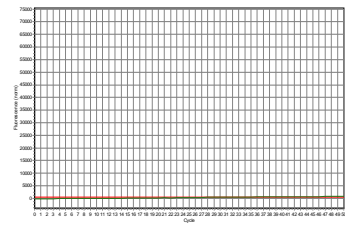
Threshold: 432 (Noisband)
Baseline settings: automatic, DfH correction OFF

49



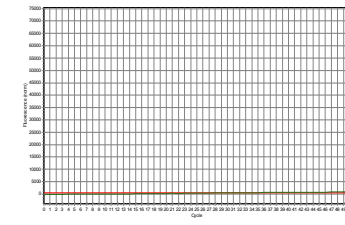
Threshold: 432 (Noisband)
Baseline settings: automatic, DfH correction OFF

50



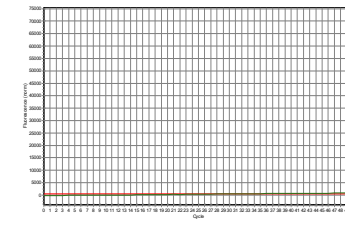
Threshold: 432 (Noisband)
Baseline settings: automatic, DfH correction OFF

51



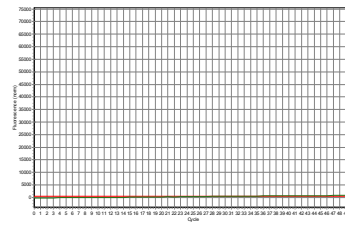
Threshold: 432 (Noisband)
Baseline settings: automatic, DfH correction OFF

52



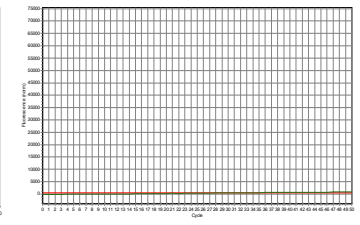
Threshold: 432 (Noisband)
Baseline settings: automatic, DfH correction OFF

53



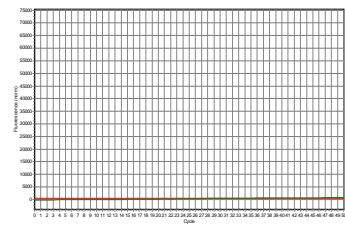
Threshold: 432 (Noisband)
Baseline settings: automatic, DfH correction OFF

54



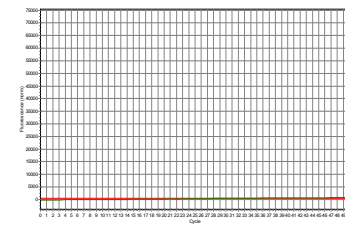
Threshold: 432 (Noisband)
Baseline settings: automatic, DfH correction OFF

55



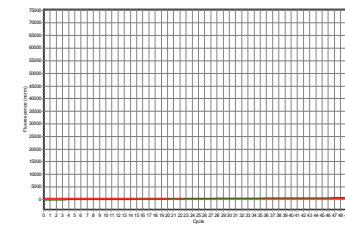
Threshold: 432 (Noisband)
Baseline settings: automatic, DfH correction OFF

56



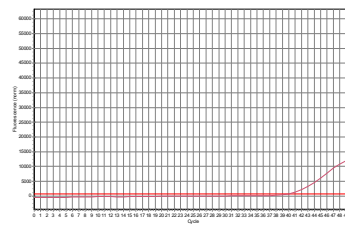
Threshold: 432 (Noisband)
Baseline settings: automatic, DfH correction OFF

57



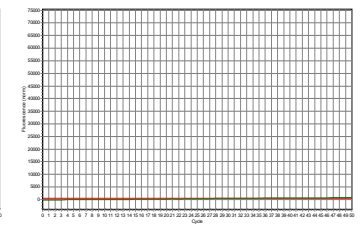
Threshold: 432 (Noisband)
Baseline settings: automatic, DfH correction OFF

58



Threshold: 759 (Noisband)
Baseline settings: automatic, DfH correction OFF

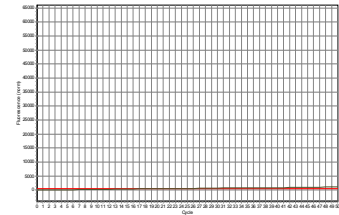
59



Threshold: 432 (Noisband)
Baseline settings: automatic, DfH correction OFF

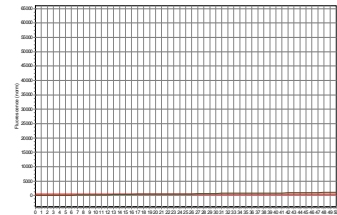
60

mTOR-TP53BP1-PROSTATE-BLOOD SAMPLE 61-80



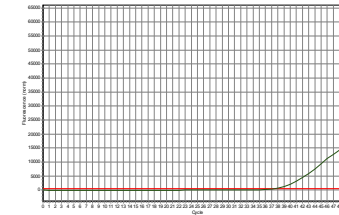
Threshold: 516 (Noiseband)
Baseline settings: automatic, DR correction OFF

61



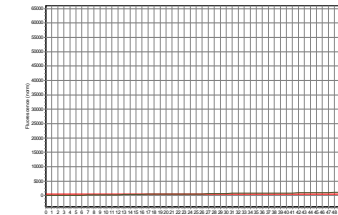
Threshold: 516 (Noiseband)
Baseline settings: automatic, DR correction OFF

62



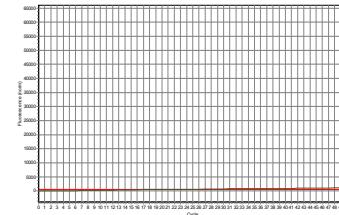
Threshold: 516 (Noiseband)
Baseline settings: automatic, DR correction OFF

63



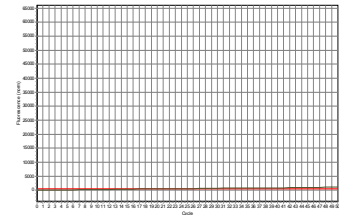
Threshold: 516 (Noiseband)
Baseline settings: automatic, DR correction OFF

64



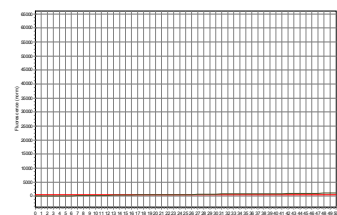
Threshold: 516 (Noiseband)
Baseline settings: automatic, DR correction OFF

65



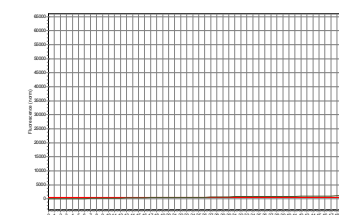
Threshold: 516 (Noiseband)
Baseline settings: automatic, DR correction OFF

66



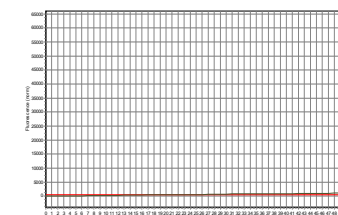
Threshold: 516 (Noiseband)
Baseline settings: automatic, DR correction OFF

67



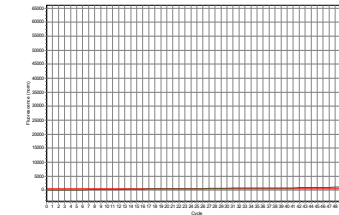
Threshold: 516 (Noiseband)
Baseline settings: automatic, DR correction OFF

68



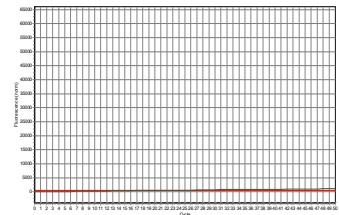
Threshold: 516 (Noiseband)
Baseline settings: automatic, DR correction OFF

69



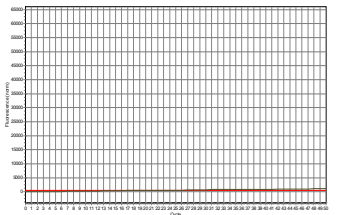
Threshold: 516 (Noiseband)
Baseline settings: automatic, DR correction OFF

70



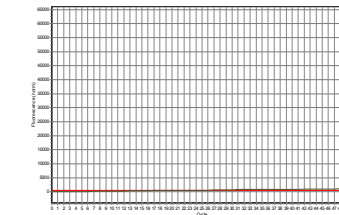
Threshold: 516 (Noiseband)
Baseline settings: automatic, DR correction OFF

71



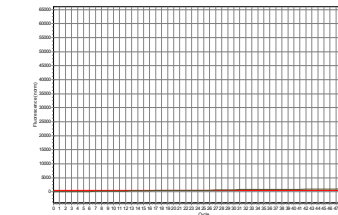
Threshold: 516 (Noiseband)
Baseline settings: automatic, DR correction OFF

72



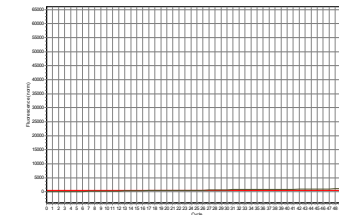
Threshold: 516 (Noiseband)
Baseline settings: automatic, DR correction OFF

73



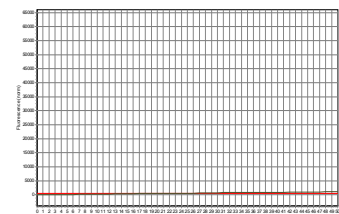
Threshold: 516 (Noiseband)
Baseline settings: automatic, DR correction OFF

74



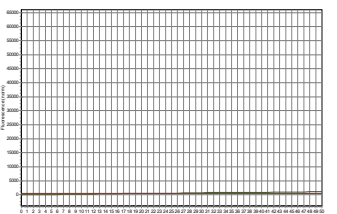
Threshold: 516 (Noiseband)
Baseline settings: automatic, DR correction OFF

75



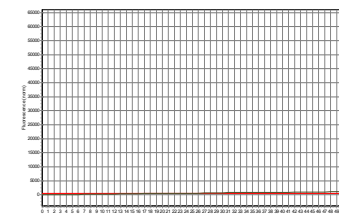
Threshold: 516 (Noiseband)
Baseline settings: automatic, DR correction OFF

76



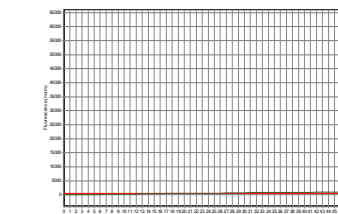
Threshold: 516 (Noiseband)
Baseline settings: automatic, DR correction OFF

77



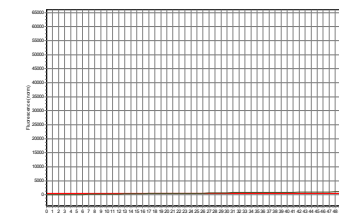
Threshold: 516 (Noiseband)
Baseline settings: automatic, DR correction OFF

78



Threshold: 516 (Noiseband)
Baseline settings: automatic, DR correction OFF

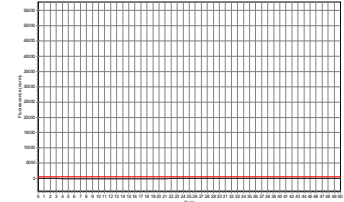
79



Threshold: 516 (Noiseband)
Baseline settings: automatic, DR correction OFF

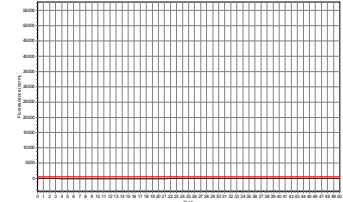
80

mTOR-TP53BP1-PROSTATE-BLOOD SAMPLE 81-100



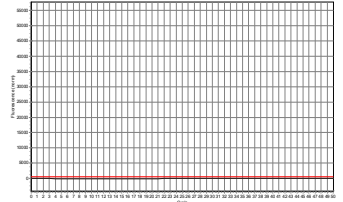
Threshold: 487 (Noisefloor)
Baseline settings: automatic, Drift correction OFF

81



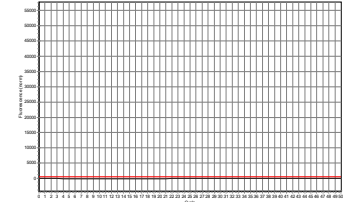
Threshold: 487 (Noisefloor)
Baseline settings: automatic, Drift correction OFF

82



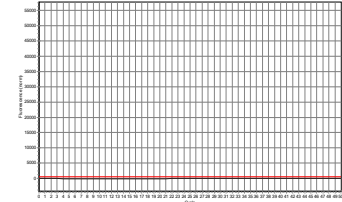
Threshold: 487 (Noisefloor)
Baseline settings: automatic, Drift correction OFF

83



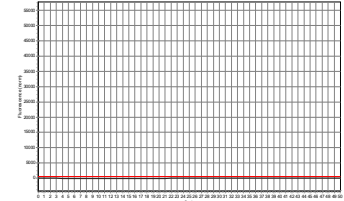
Threshold: 487 (Noisefloor)
Baseline settings: automatic, Drift correction OFF

84



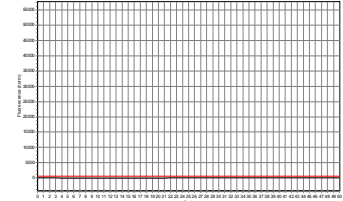
Threshold: 487 (Noisefloor)
Baseline settings: automatic, Drift correction OFF

85



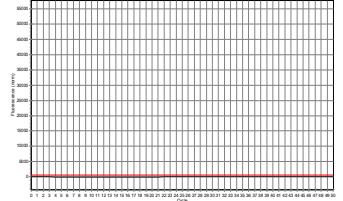
Threshold: 487 (Noisefloor)
Baseline settings: automatic, Drift correction OFF

86



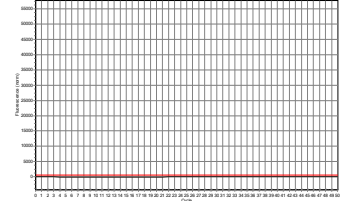
Threshold: 487 (Noisefloor)
Baseline settings: automatic, Drift correction OFF

87



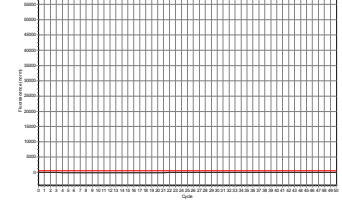
Threshold: 487 (Noisefloor)
Baseline settings: automatic, Drift correction OFF

88



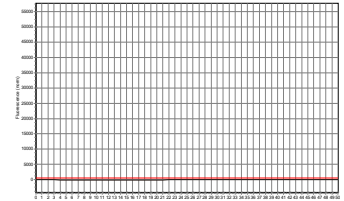
Threshold: 487 (Noisefloor)
Baseline settings: automatic, Drift correction OFF

89



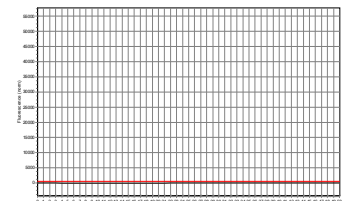
Threshold: 487 (Noisefloor)
Baseline settings: automatic, Drift correction OFF

90



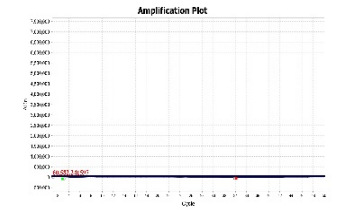
Threshold: 487 (Noisefloor)
Baseline settings: automatic, Drift correction OFF

91

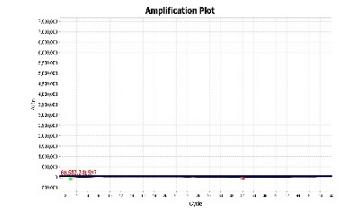


Threshold: 487 (Noisefloor)
Baseline settings: automatic, Drift correction OFF

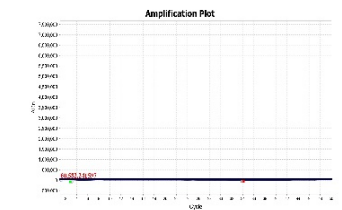
92



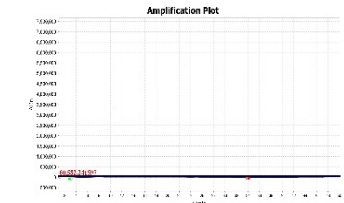
93



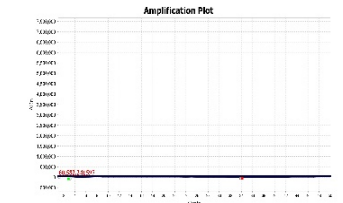
94



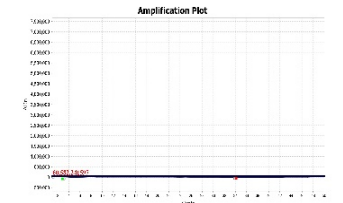
95



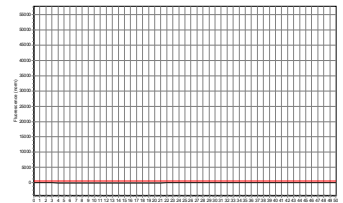
96



97

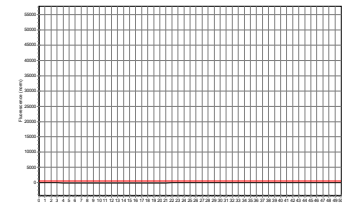


98



Threshold: 487 (Noisefloor)
Baseline settings: automatic, Drift correction OFF

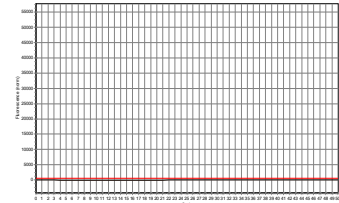
99



Threshold: 487 (Noisefloor)
Baseline settings: automatic, Drift correction OFF

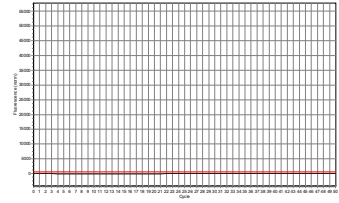
100

mTOR-TP53BP1-PROSTATE-BLOOD SAMPLE 101-120



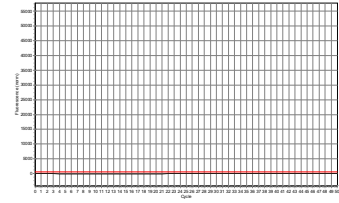
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DR correction OFF

101



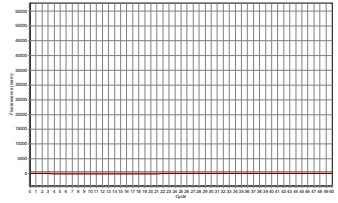
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DR correction OFF

102



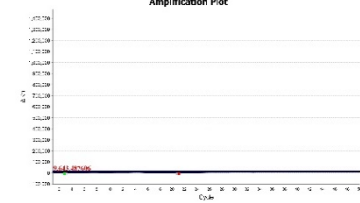
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DR correction OFF

103



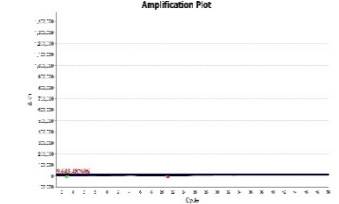
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DR correction OFF

104



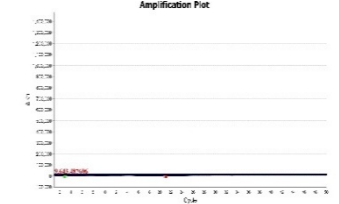
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DR correction OFF

105



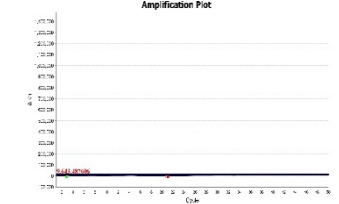
Target 1

106



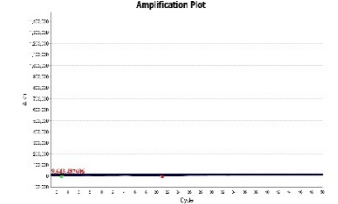
Target 1

107



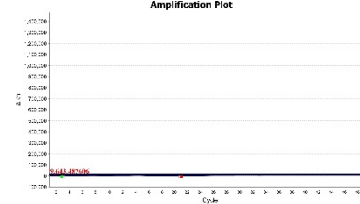
Target 1

108



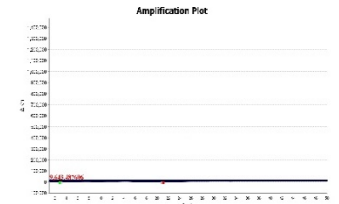
Target 1

109



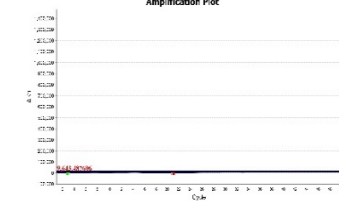
Target 1

110



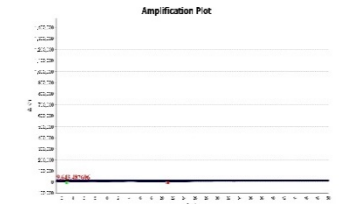
Target 1

111



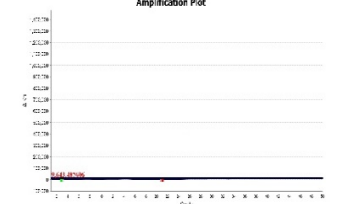
Target 1

111



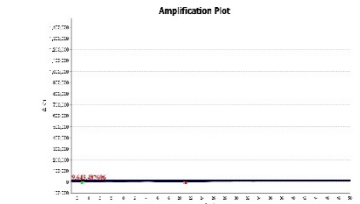
Target 1

113



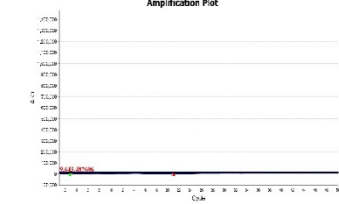
Target 1

114



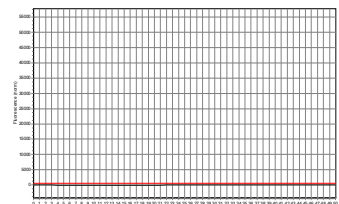
Target 1

115



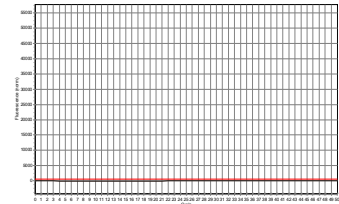
Target 1

116



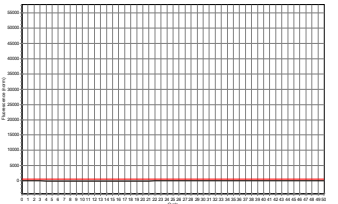
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DR correction OFF

117



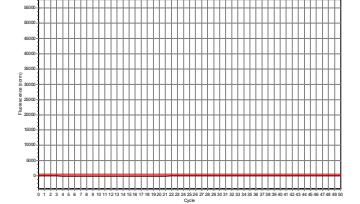
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DR correction OFF

118



Threshold: 487 (Nonstandard)
Baseline settings: automatic, DR correction OFF

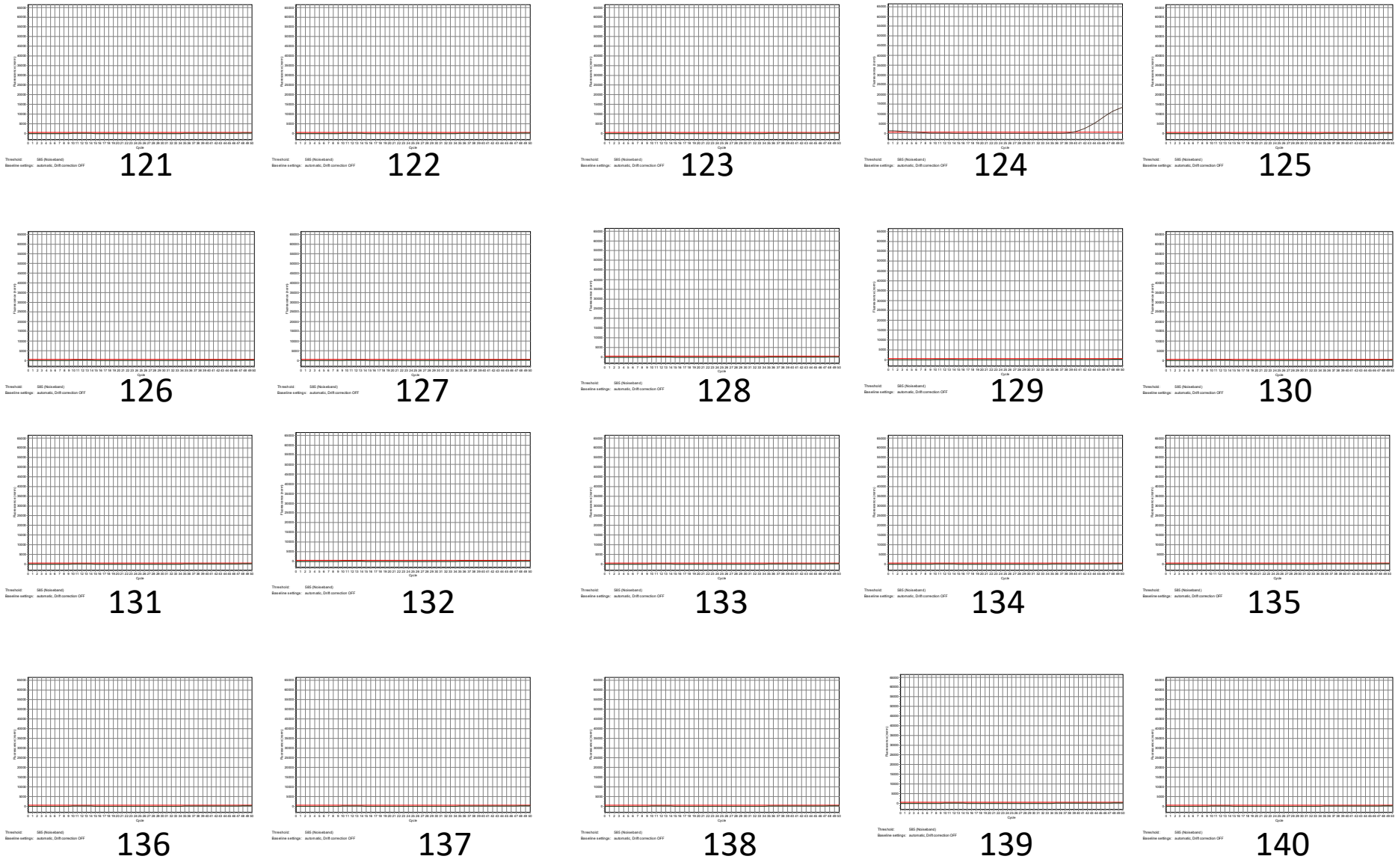
119



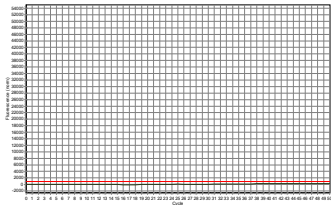
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DR correction OFF

120

mTOR-TP53BP1-PROSTATE-BLOOD SAMPLE 121-140

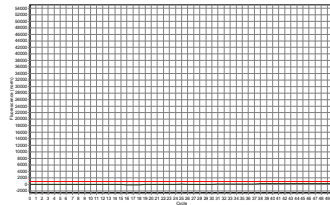


mTOR-TP53BP1-PROSTATE-BLOOD SAMPLE 141-150



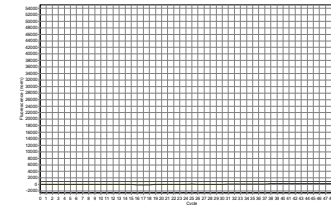
Threshold: 656 (Adjusted manually)
Baseline settings: automatic, Diff correction: OFF

141



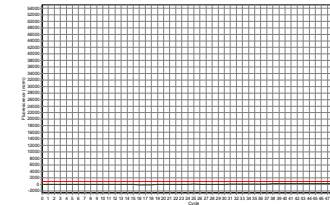
Threshold: 656 (Adjusted manually)
Baseline settings: automatic, Diff correction: OFF

142



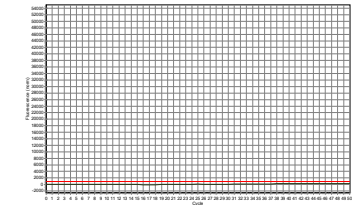
Threshold: 656 (Adjusted manually)
Baseline settings: automatic, Diff correction: OFF

143



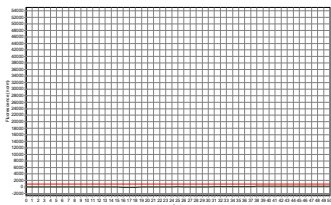
Threshold: 656 (Adjusted manually)
Baseline settings: automatic, Diff correction: OFF

144



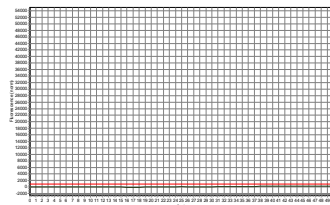
Threshold: 656 (Adjusted manually)
Baseline settings: automatic, Diff correction: OFF

145



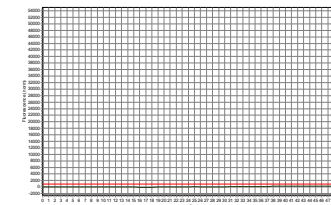
Threshold: 656 (Adjusted manually)
Baseline settings: automatic, Diff correction: OFF

146



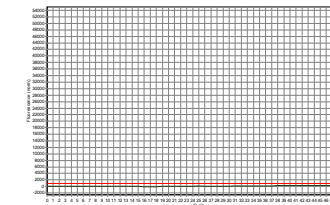
Threshold: 656 (Adjusted manually)
Baseline settings: automatic, Diff correction: OFF

147



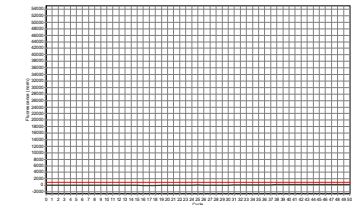
Threshold: 656 (Adjusted manually)
Baseline settings: automatic, Diff correction: OFF

148



Threshold: 656 (Adjusted manually)
Baseline settings: automatic, Diff correction: OFF

149

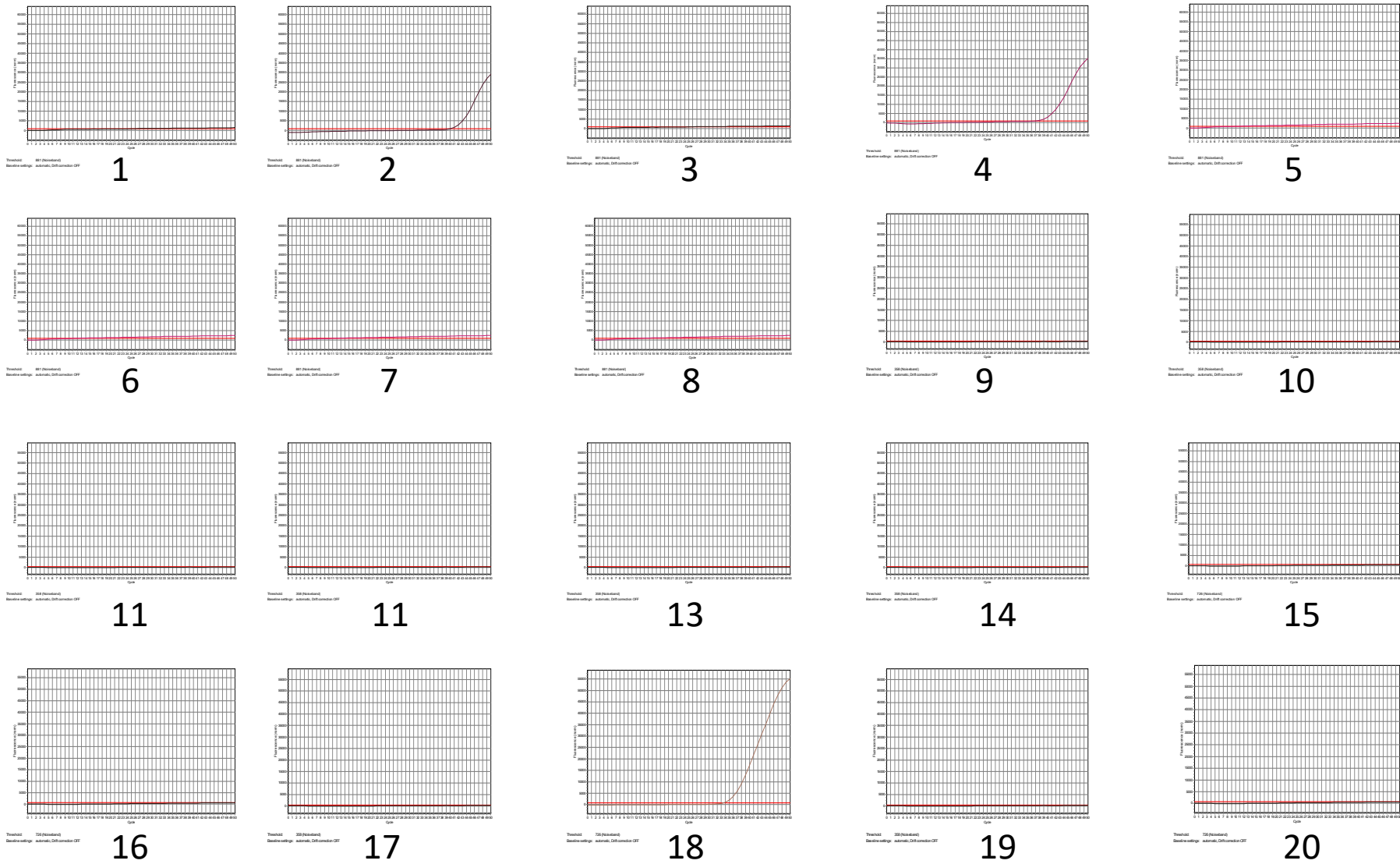


Threshold: 656 (Adjusted manually)
Baseline settings: automatic, Diff correction: OFF

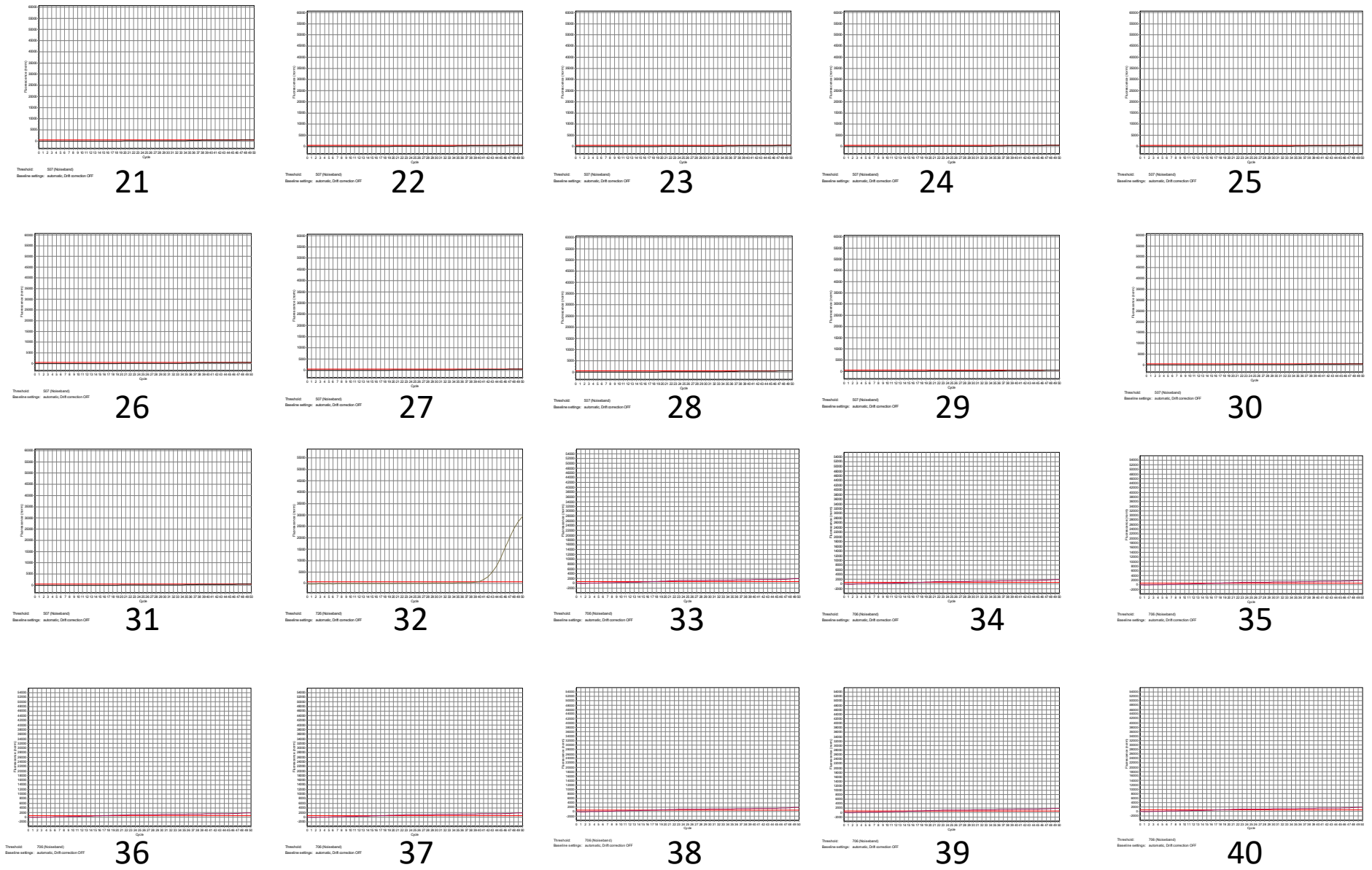
150

Supplemental figure 4

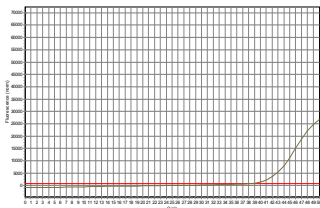
CCNH-c5orf30 fusion detection CCNH-c5orf30-PROSTATE-BLOOD SAMPLE 1-20



CCNH-c5orf30-PROSTATE-BLOOD SAMPLE 21-40

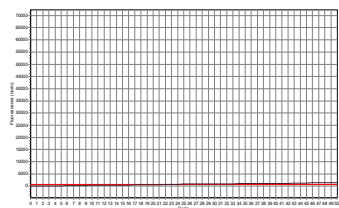


CCNH-c5orf30-PROSTATE-BLOOD SAMPLE 41-60



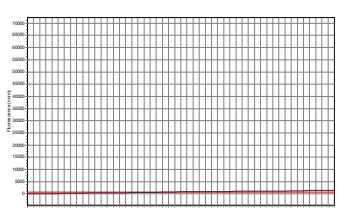
Threshold: 701 (Nonstandard)
Baseline settings: automatic, DR correction OFF

41



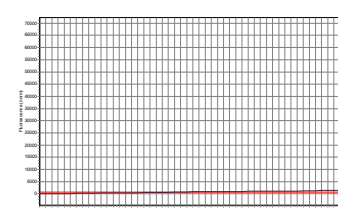
Threshold: 701 (Nonstandard)
Baseline settings: automatic, DR correction OFF

42



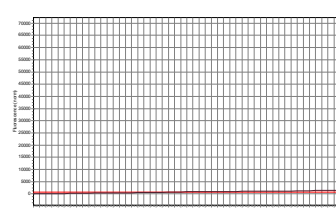
Threshold: 701 (Nonstandard)
Baseline settings: automatic, DR correction OFF

43



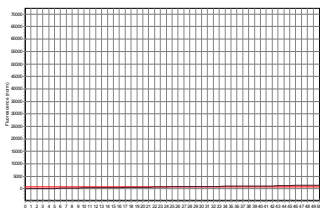
Threshold: 701 (Nonstandard)
Baseline settings: automatic, DR correction OFF

44



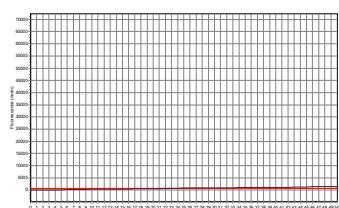
Threshold: 701 (Nonstandard)
Baseline settings: automatic, DR correction OFF

45



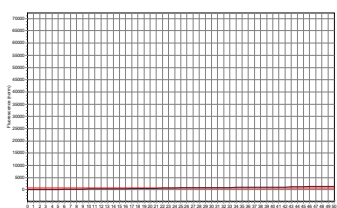
Threshold: 701 (Nonstandard)
Baseline settings: automatic, DR correction OFF

46



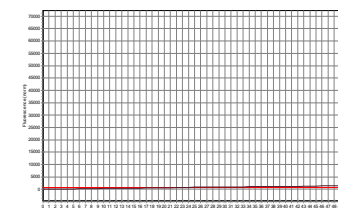
Threshold: 701 (Nonstandard)
Baseline settings: automatic, DR correction OFF

47



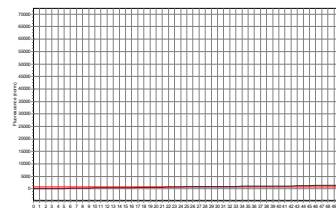
Threshold: 701 (Nonstandard)
Baseline settings: automatic, DR correction OFF

47



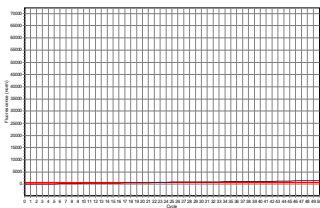
Threshold: 701 (Nonstandard)
Baseline settings: automatic, DR correction OFF

49



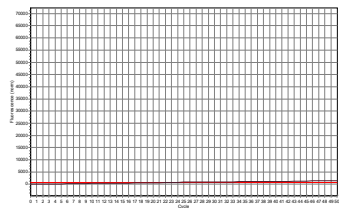
Threshold: 701 (Nonstandard)
Baseline settings: automatic, DR correction OFF

50



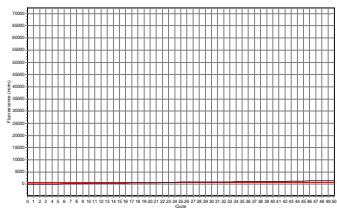
Threshold: 701 (Nonstandard)
Baseline settings: automatic, DR correction OFF

51



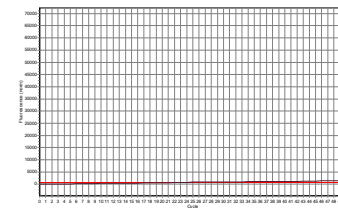
Threshold: 701 (Nonstandard)
Baseline settings: automatic, DR correction OFF

52



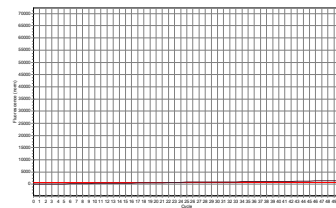
Threshold: 701 (Nonstandard)
Baseline settings: automatic, DR correction OFF

53



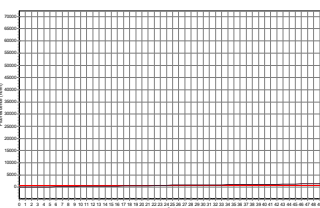
Threshold: 701 (Nonstandard)
Baseline settings: automatic, DR correction OFF

54



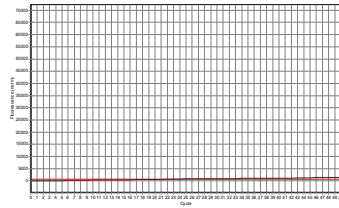
Threshold: 701 (Nonstandard)
Baseline settings: automatic, DR correction OFF

55



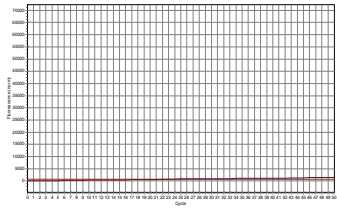
Threshold: 701 (Nonstandard)
Baseline settings: automatic, DR correction OFF

56



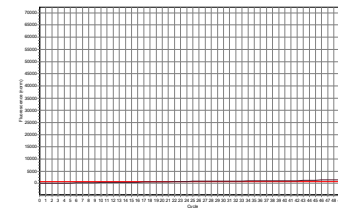
Threshold: 701 (Nonstandard)
Baseline settings: automatic, DR correction OFF

57



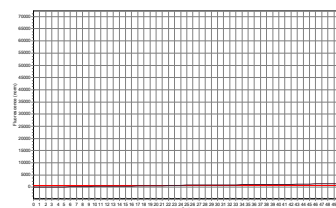
Threshold: 701 (Nonstandard)
Baseline settings: automatic, DR correction OFF

58



Threshold: 701 (Nonstandard)
Baseline settings: automatic, DR correction OFF

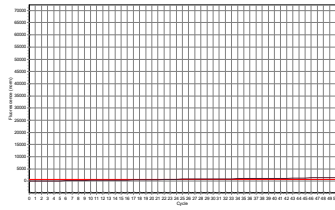
59



Threshold: 701 (Nonstandard)
Baseline settings: automatic, DR correction OFF

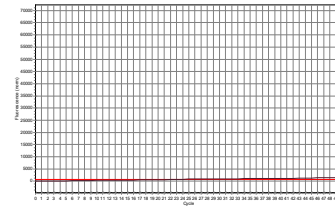
60

CCNH-c5orf30-PROSTATE-BLOOD SAMPLE 61-80



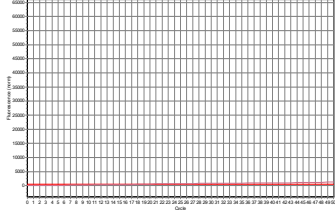
Threshold: 516 (Nonstandard)
Baseline settings: automatic, DR correction OFF

61



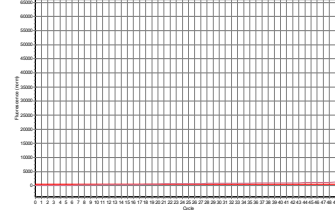
Threshold: 516 (Nonstandard)
Baseline settings: automatic, DR correction OFF

62



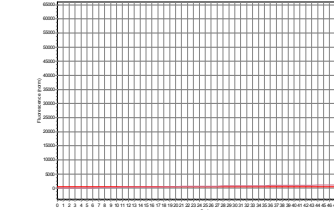
Threshold: 516 (Nonstandard)
Baseline settings: automatic, DR correction OFF

63



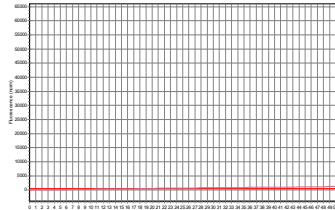
Threshold: 516 (Nonstandard)
Baseline settings: automatic, DR correction OFF

64



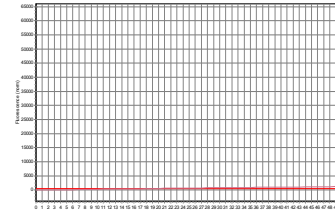
Threshold: 516 (Nonstandard)
Baseline settings: automatic, DR correction OFF

65



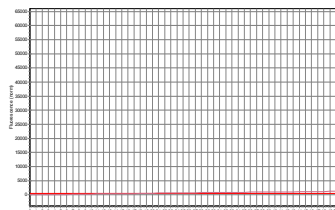
Threshold: 516 (Nonstandard)
Baseline settings: automatic, DR correction OFF

66



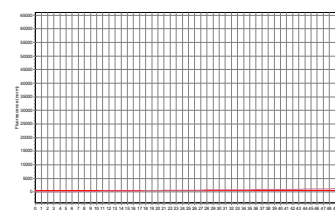
Threshold: 516 (Nonstandard)
Baseline settings: automatic, DR correction OFF

67



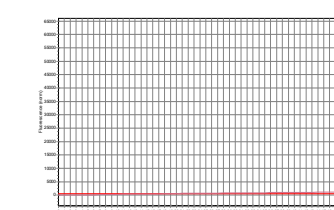
Threshold: 516 (Nonstandard)
Baseline settings: automatic, DR correction OFF

68



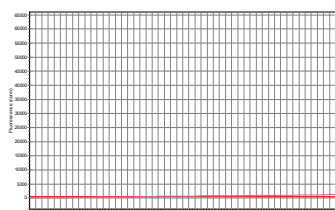
Threshold: 516 (Nonstandard)
Baseline settings: automatic, DR correction OFF

69



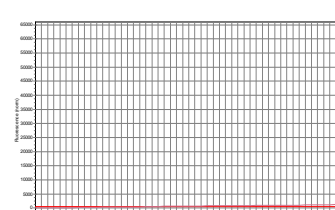
Threshold: 516 (Nonstandard)
Baseline settings: automatic, DR correction OFF

70



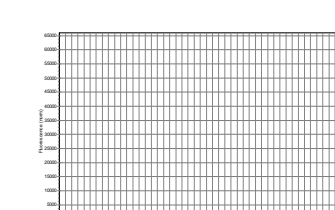
Threshold: 516 (Nonstandard)
Baseline settings: automatic, DR correction OFF

71



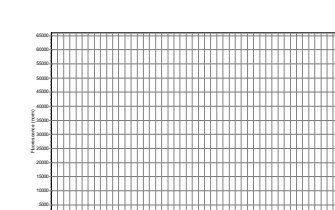
Threshold: 516 (Nonstandard)
Baseline settings: automatic, DR correction OFF

72



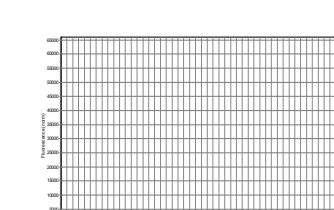
Threshold: 516 (Nonstandard)
Baseline settings: automatic, DR correction OFF

73



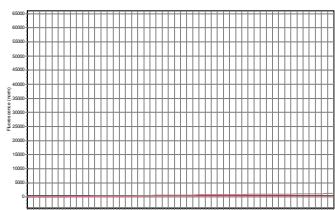
Threshold: 516 (Nonstandard)
Baseline settings: automatic, DR correction OFF

74



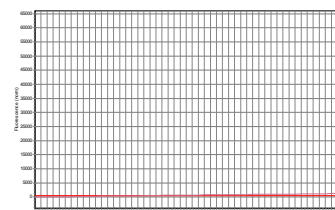
Threshold: 516 (Nonstandard)
Baseline settings: automatic, DR correction OFF

75



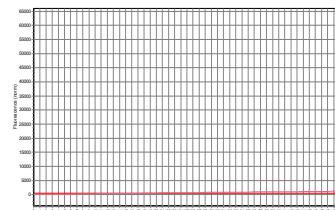
Threshold: 516 (Nonstandard)
Baseline settings: automatic, DR correction OFF

76



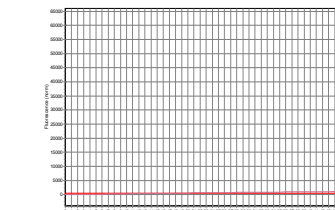
Threshold: 516 (Nonstandard)
Baseline settings: automatic, DR correction OFF

77



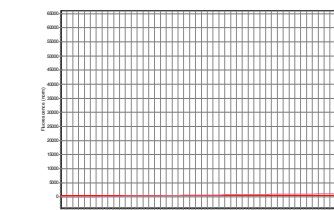
Threshold: 516 (Nonstandard)
Baseline settings: automatic, DR correction OFF

78



Threshold: 516 (Nonstandard)
Baseline settings: automatic, DR correction OFF

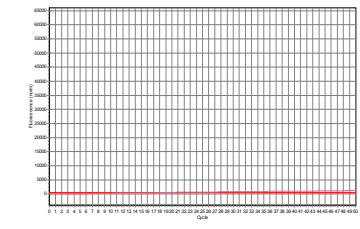
79



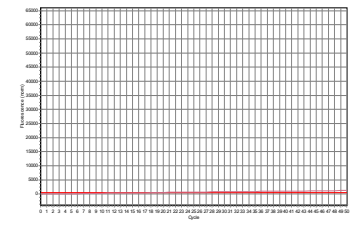
Threshold: 516 (Nonstandard)
Baseline settings: automatic, DR correction OFF

80

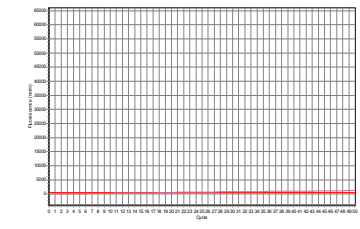
CCNH-c5orf30-PROSTATE-BLOOD SAMPLE 81-100



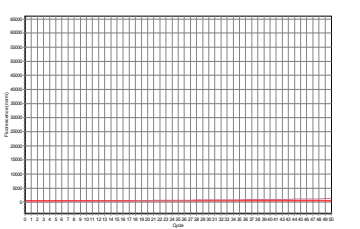
81



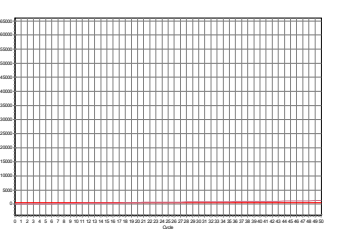
82



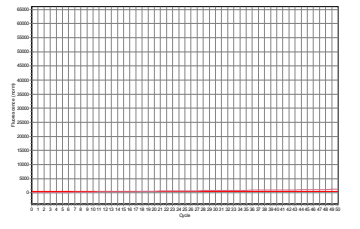
83



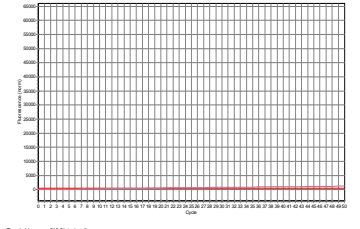
84



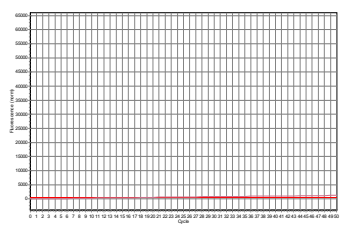
85



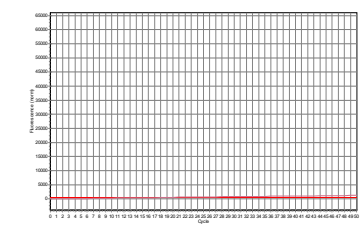
86



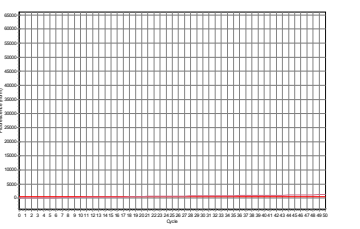
87



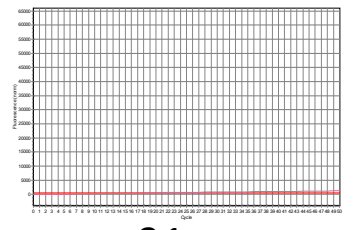
88



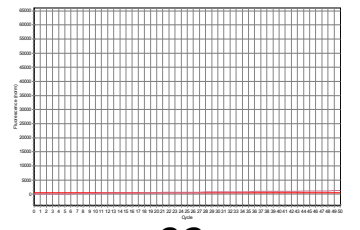
89



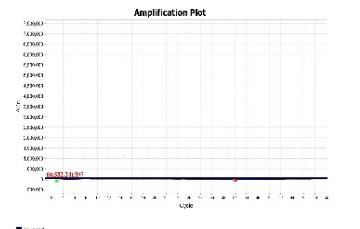
90



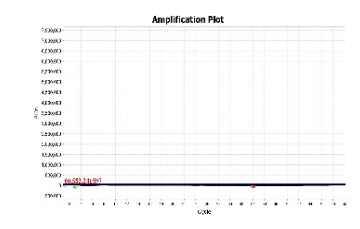
91



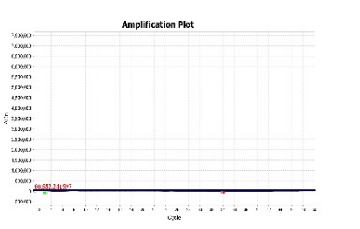
92



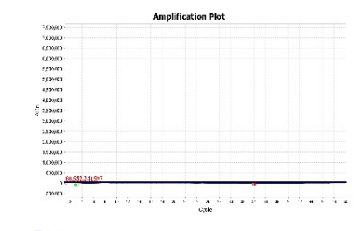
93



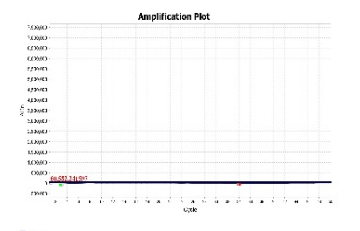
94



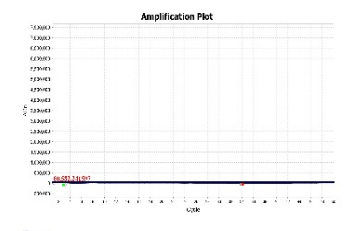
95



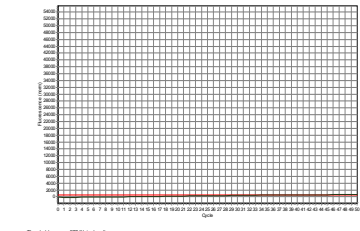
96



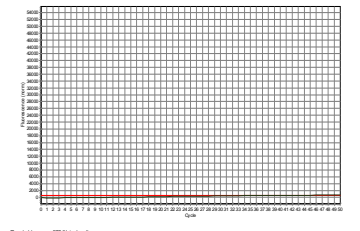
97



98

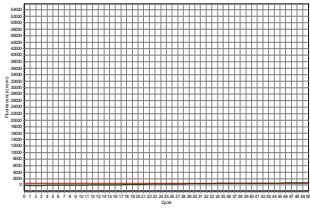


99

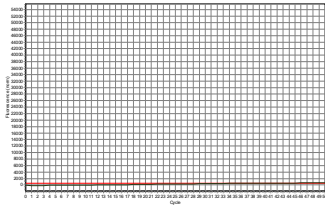


100

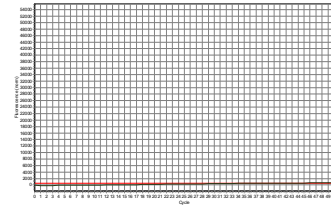
CCNH-c5orf30-PROSTATE-BLOOD SAMPLE 101-120



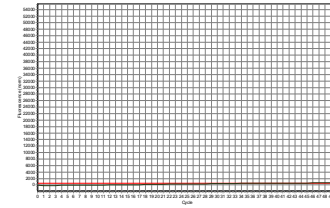
Target 1
101



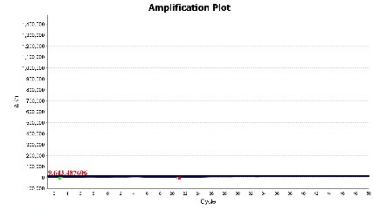
Target 1
102



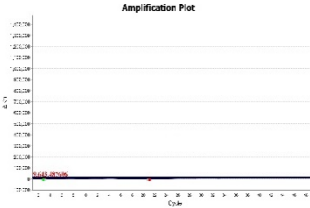
Target 1
103



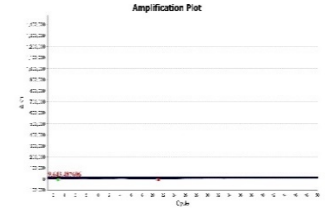
Target 1
104



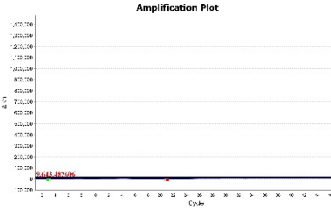
Target 1
105



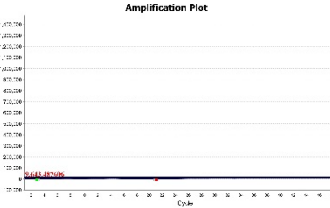
Target 1
106



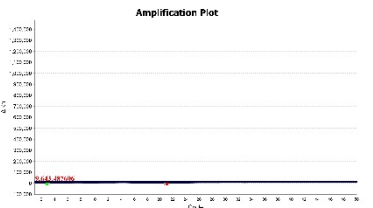
Target 1
107



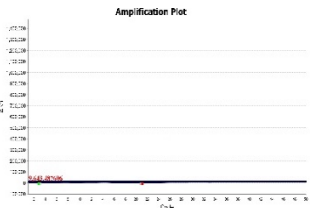
Target 1
108



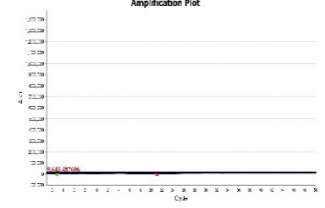
Target 1
109



Target 1
110



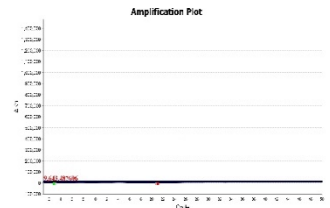
Target 1
111



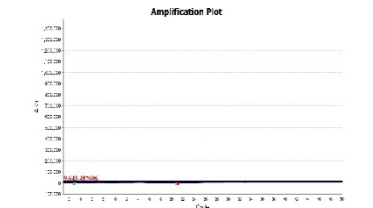
Target 1
111



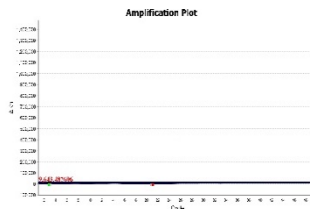
Target 1
113



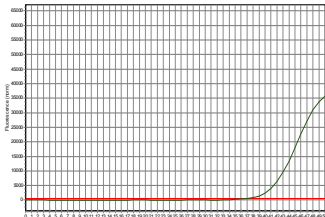
Target 1
114



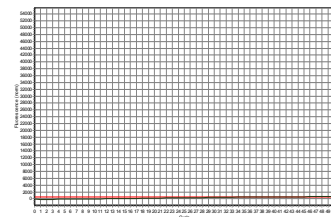
Target 1
115



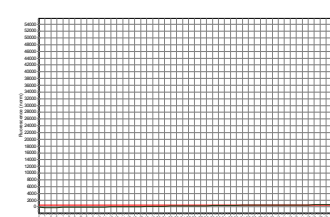
Target 1
116



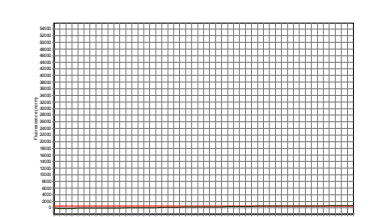
Target 1
117



Target 1
118

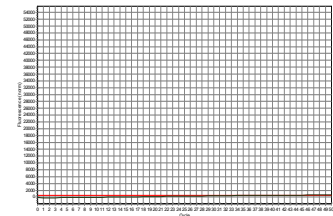


Target 1
119

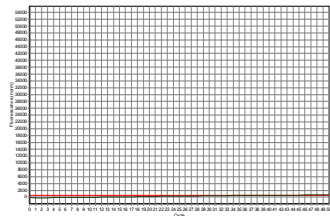


Target 1
120

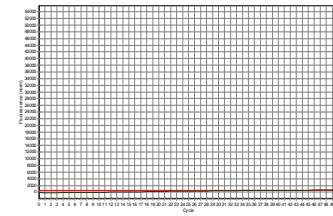
CCNH-c5orf30-PROSTATE-BLOOD SAMPLE 121-140



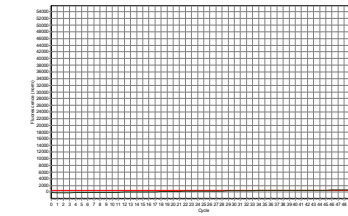
Threshold: 0.77 (Noisiness)
Baseline settings: automatic, DR correction OFF
121



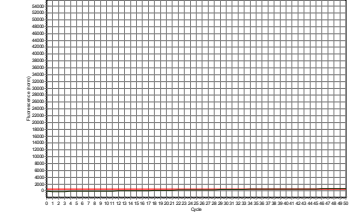
Threshold: 0.77 (Noisiness)
Baseline settings: automatic, DR correction OFF
122



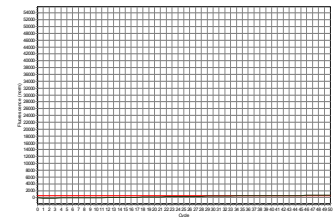
Threshold: 0.77 (Noisiness)
Baseline settings: automatic, DR correction OFF
123



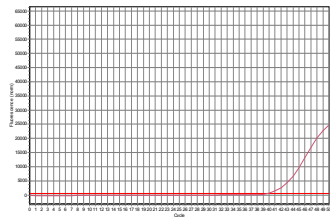
Threshold: 0.77 (Noisiness)
Baseline settings: automatic, DR correction OFF
124



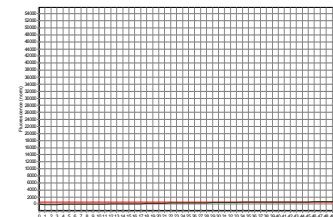
Threshold: 0.77 (Noisiness)
Baseline settings: automatic, DR correction OFF
125



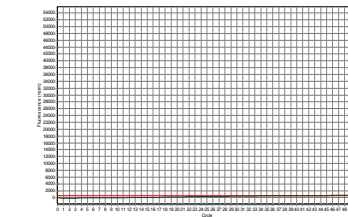
Threshold: 0.77 (Noisiness)
Baseline settings: automatic, DR correction OFF
126



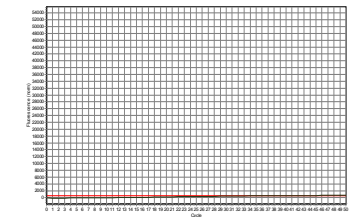
Threshold: 0.60 (Noisiness)
Baseline settings: automatic, DR correction OFF
127



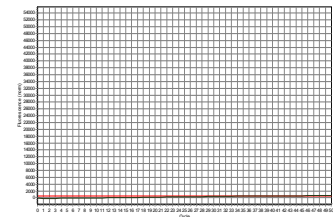
Threshold: 0.77 (Noisiness)
Baseline settings: automatic, DR correction OFF
128



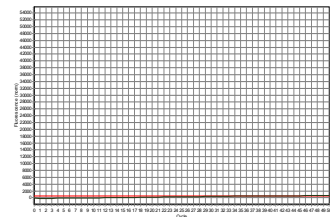
Threshold: 0.77 (Noisiness)
Baseline settings: automatic, DR correction OFF
129



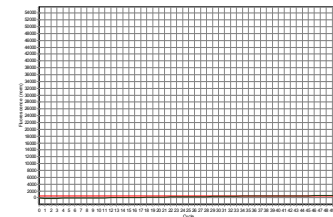
Threshold: 0.77 (Noisiness)
Baseline settings: automatic, DR correction OFF
130



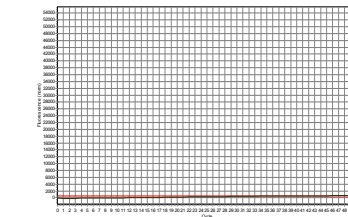
Threshold: 0.77 (Noisiness)
Baseline settings: automatic, DR correction OFF
131



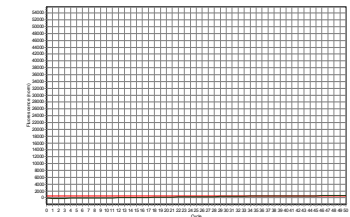
Threshold: 0.77 (Noisiness)
Baseline settings: automatic, DR correction OFF
132



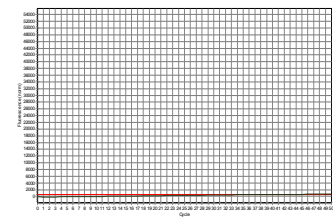
Threshold: 0.77 (Noisiness)
Baseline settings: automatic, DR correction OFF
133



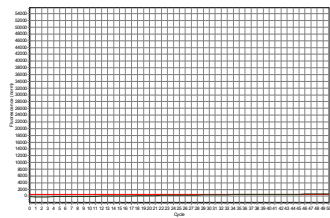
Threshold: 0.77 (Noisiness)
Baseline settings: automatic, DR correction OFF
134



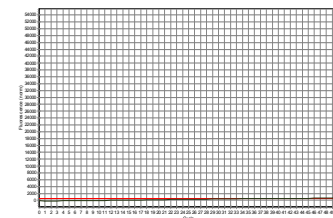
Threshold: 0.77 (Noisiness)
Baseline settings: automatic, DR correction OFF
135



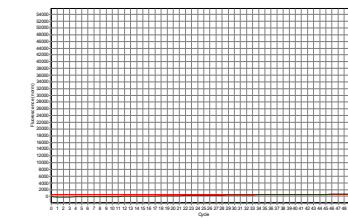
Threshold: 0.77 (Noisiness)
Baseline settings: automatic, DR correction OFF
136



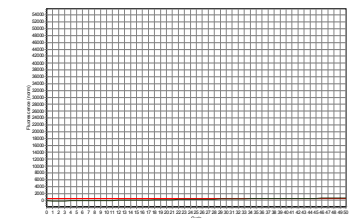
Threshold: 0.77 (Noisiness)
Baseline settings: automatic, DR correction OFF
137



Threshold: 0.77 (Noisiness)
Baseline settings: automatic, DR correction OFF
138

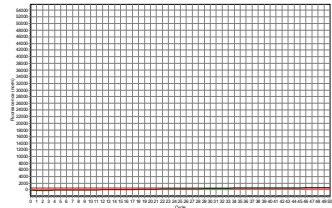


Threshold: 0.77 (Noisiness)
Baseline settings: automatic, DR correction OFF
139



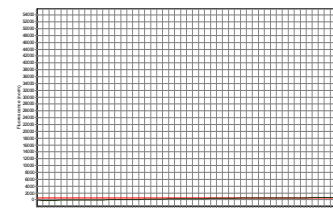
Threshold: 0.77 (Noisiness)
Baseline settings: automatic, DR correction OFF
140

CCNH-c5orf30-PROSTATE-BLOOD SAMPLE 141-150



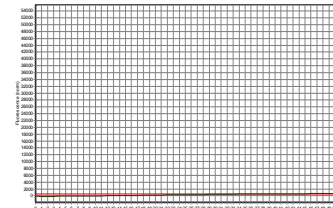
Threshold: 577 (Noisefloor)
Baseline settings: automatic, DR correction OFF

141



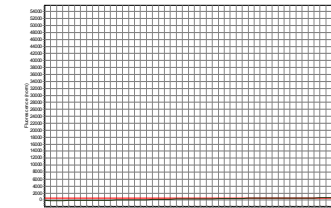
Threshold: 577 (Noisefloor)
Baseline settings: automatic, DR correction OFF

142



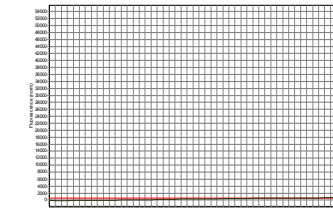
Threshold: 577 (Noisefloor)
Baseline settings: automatic, DR correction OFF

143



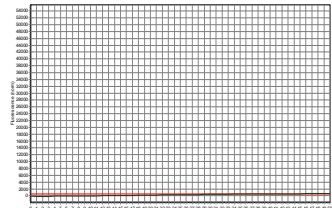
Threshold: 577 (Noisefloor)
Baseline settings: automatic, DR correction OFF

144



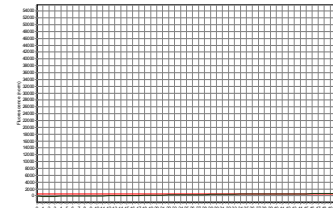
Threshold: 577 (Noisefloor)
Baseline settings: automatic, DR correction OFF

145



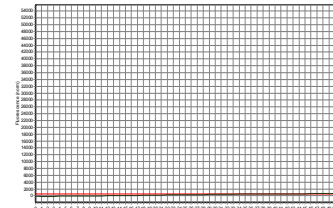
Threshold: 577 (Noisefloor)
Baseline settings: automatic, DR correction OFF

146



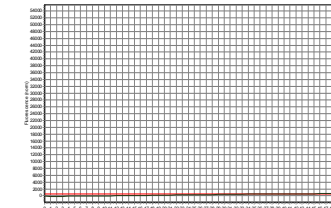
Threshold: 577 (Noisefloor)
Baseline settings: automatic, DR correction OFF

147



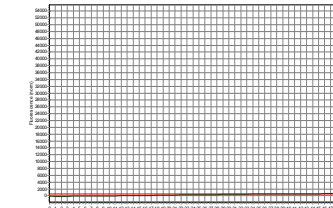
Threshold: 577 (Noisefloor)
Baseline settings: automatic, DR correction OFF

148



Threshold: 577 (Noisefloor)
Baseline settings: automatic, DR correction OFF

149

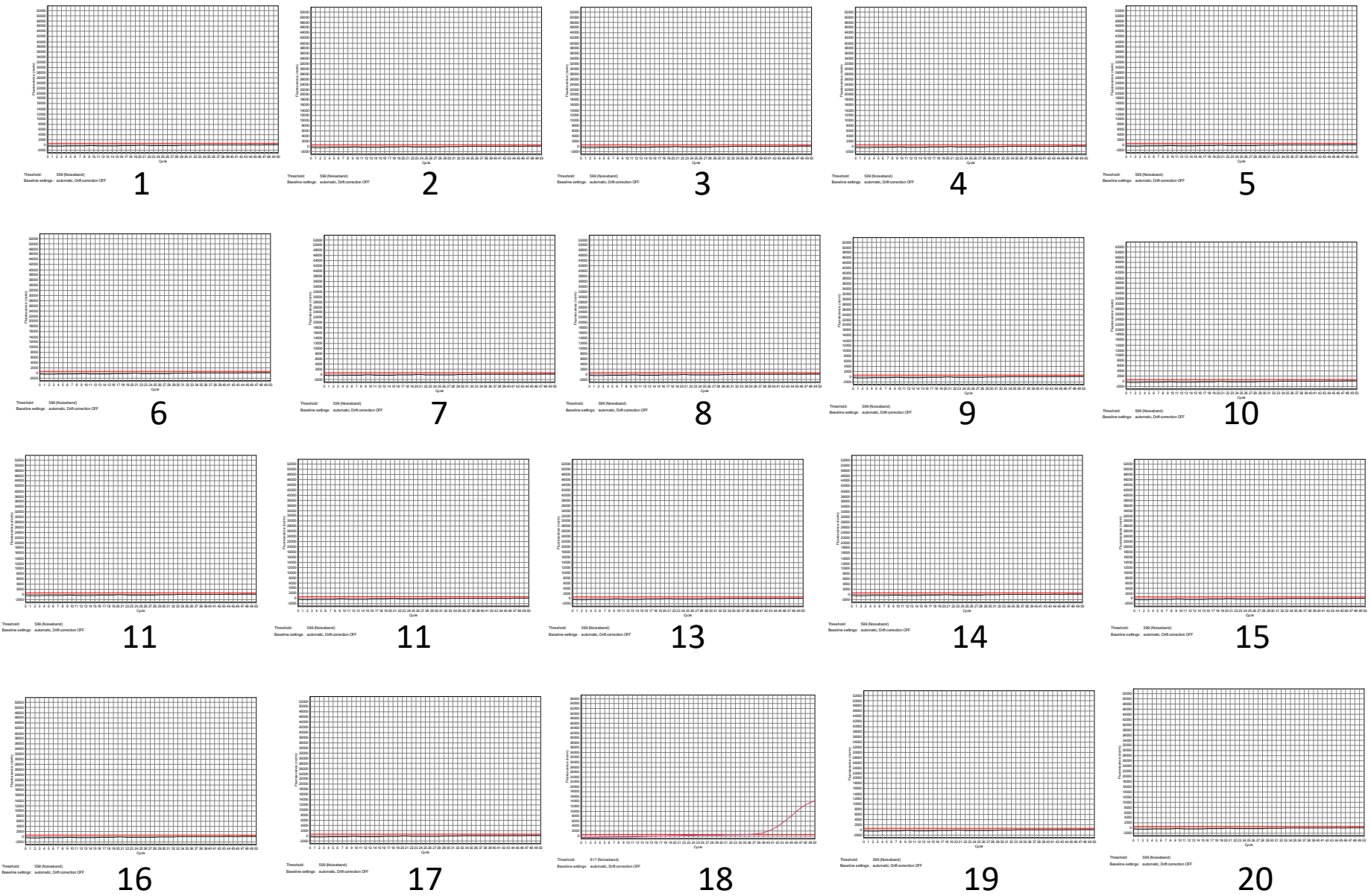


Threshold: 577 (Noisefloor)
Baseline settings: automatic, DR correction OFF

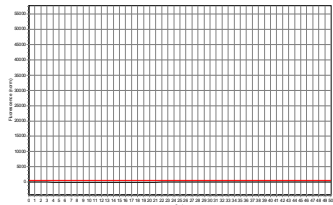
150

Supplemental figure 5

KDM4B-AC011523.2 fusion detection KDM4B-AC011523.2 -PROSTATE-BLOOD SAMPLE 1-20

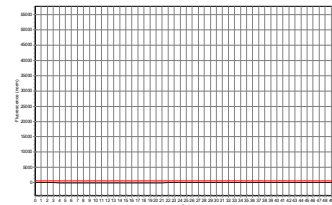


KDM4B-AC011523.2-PROSTATE-BLOOD SAMPLE 21-40



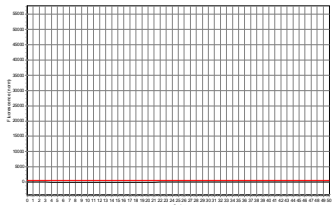
Threshold: 487 (None/blank)
Baseline settings: automatic, DR correction OFF

21



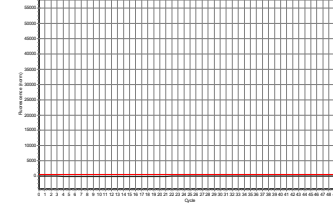
Threshold: 487 (None/blank)
Baseline settings: automatic, DR correction OFF

22



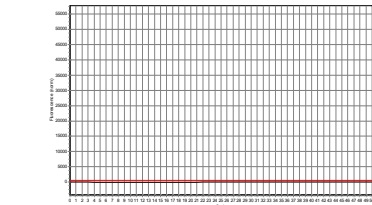
Threshold: 487 (None/blank)
Baseline settings: automatic, DR correction OFF

23



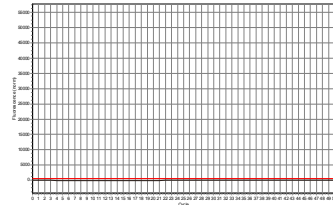
Threshold: 487 (None/blank)
Baseline settings: automatic, DR correction OFF

24



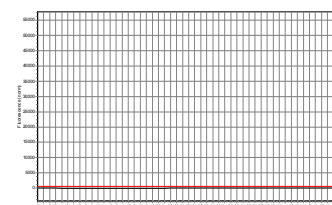
Threshold: 487 (None/blank)
Baseline settings: automatic, DR correction OFF

25



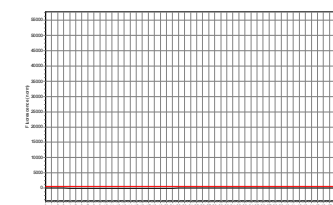
Threshold: 487 (None/blank)
Baseline settings: automatic, DR correction OFF

26



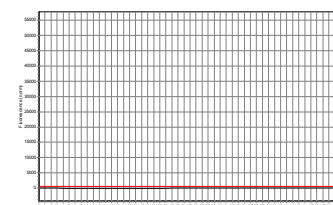
Threshold: 487 (None/blank)
Baseline settings: automatic, DR correction OFF

27



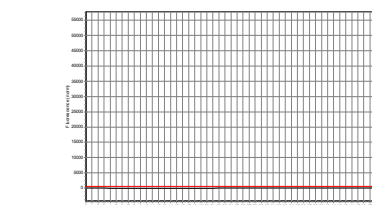
Threshold: 487 (None/blank)
Baseline settings: automatic, DR correction OFF

28



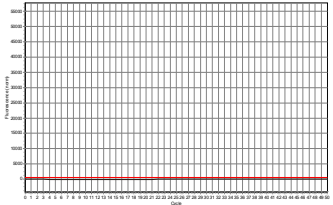
Threshold: 487 (None/blank)
Baseline settings: automatic, DR correction OFF

29



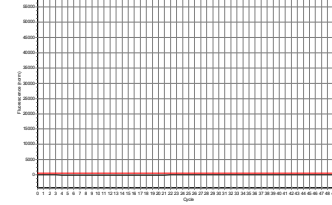
Threshold: 487 (None/blank)
Baseline settings: automatic, DR correction OFF

30



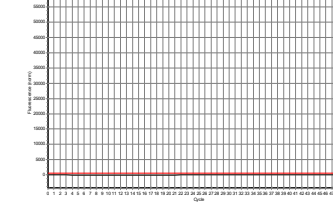
Threshold: 487 (None/blank)
Baseline settings: automatic, DR correction OFF

31



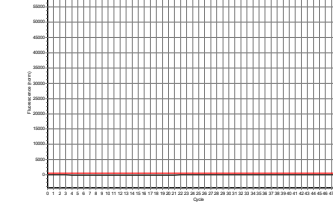
Threshold: 487 (None/blank)
Baseline settings: automatic, DR correction OFF

32



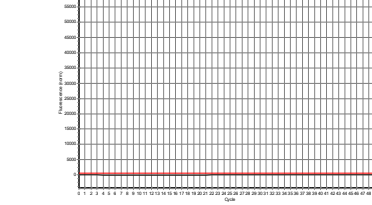
Threshold: 487 (None/blank)
Baseline settings: automatic, DR correction OFF

33



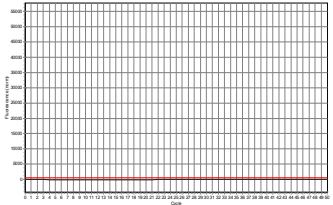
Threshold: 487 (None/blank)
Baseline settings: automatic, DR correction OFF

34



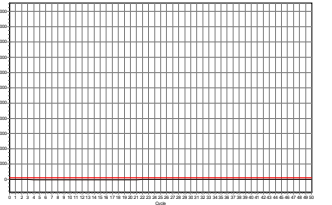
Threshold: 487 (None/blank)
Baseline settings: automatic, DR correction OFF

35



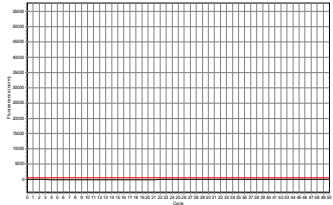
Threshold: 487 (None/blank)
Baseline settings: automatic, DR correction OFF

36



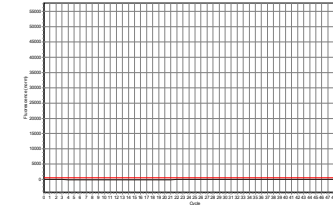
Threshold: 487 (None/blank)
Baseline settings: automatic, DR correction OFF

37



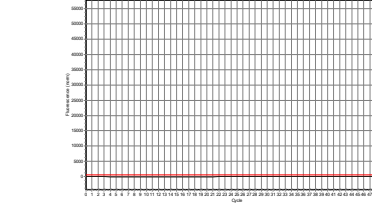
Threshold: 487 (None/blank)
Baseline settings: automatic, DR correction OFF

38



Threshold: 487 (None/blank)
Baseline settings: automatic, DR correction OFF

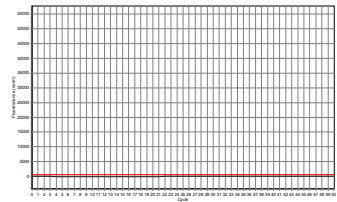
39



Threshold: 487 (None/blank)
Baseline settings: automatic, DR correction OFF

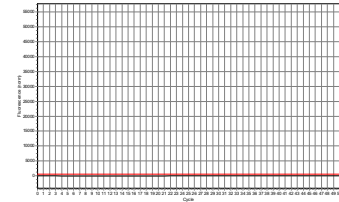
40

KDM4B-AC011523.2-PROSTATE-BLOOD SAMPLE 41-60



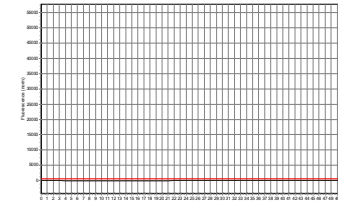
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

41



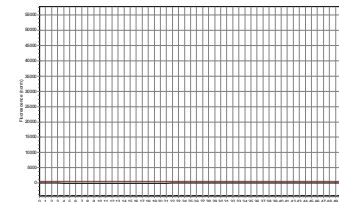
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

42



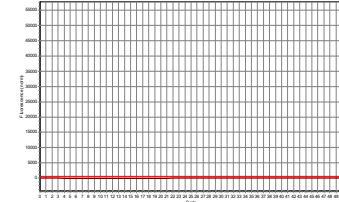
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

43



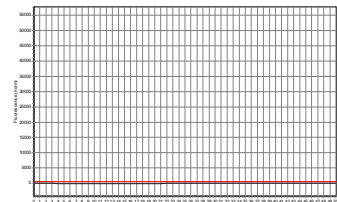
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

44



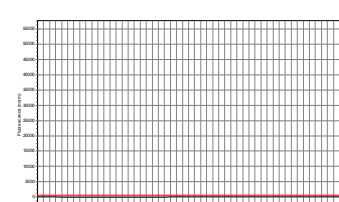
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

45



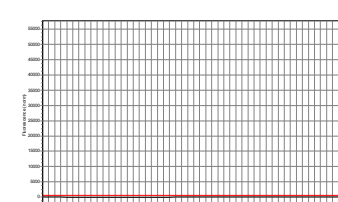
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

46



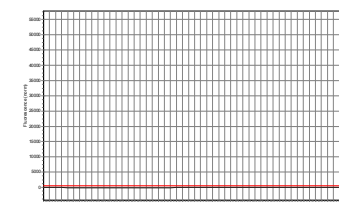
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

47



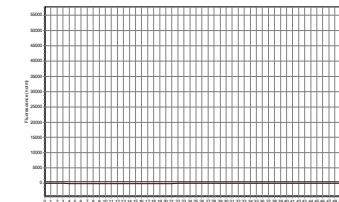
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

47



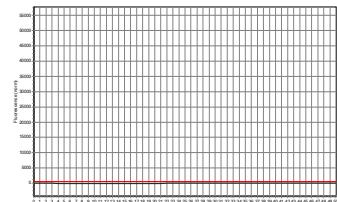
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

49



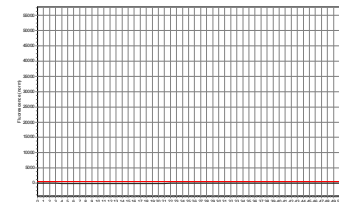
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

50



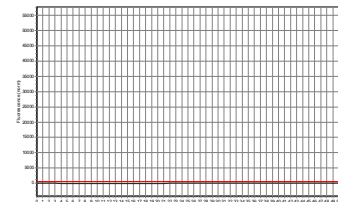
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

51



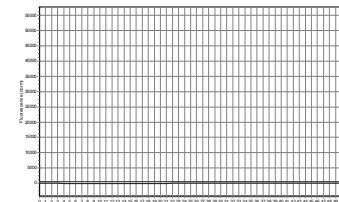
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

52



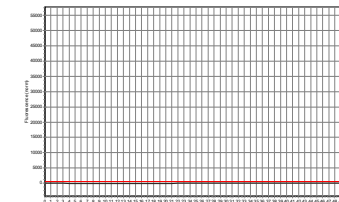
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

53



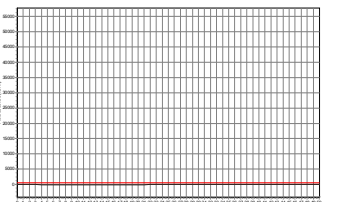
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

54



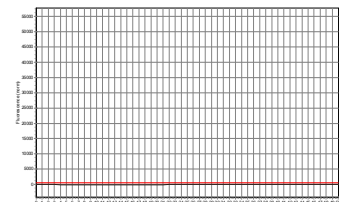
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

55



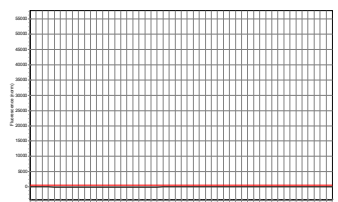
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

56



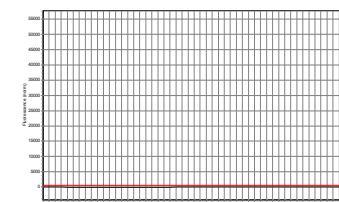
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

57



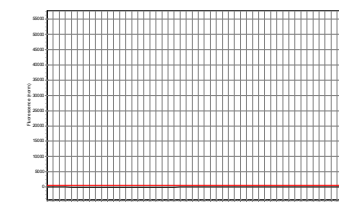
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

58



Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

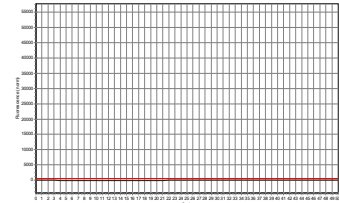
59



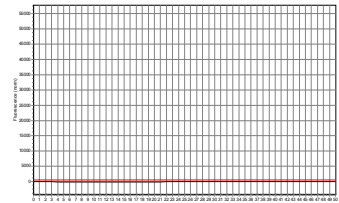
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

60

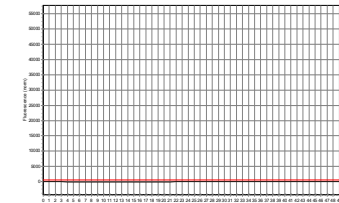
KDM4B-AC011523.2-PROSTATE-BLOOD SAMPLE 61-80



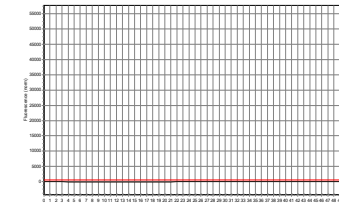
Threshold: 487 (Noiseless)
Baseline settings: automatic, DR correction OFF
61



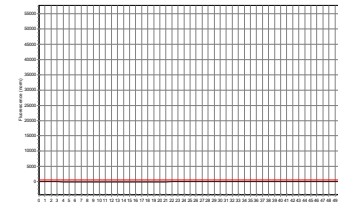
Threshold: 487 (Noiseless)
Baseline settings: automatic, DR correction OFF
62



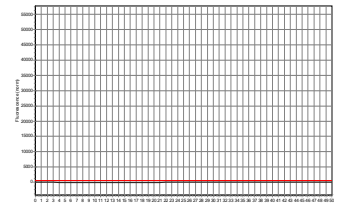
Threshold: 487 (Noiseless)
Baseline settings: automatic, DR correction OFF
63



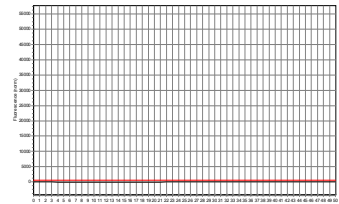
Threshold: 487 (Noiseless)
Baseline settings: automatic, DR correction OFF
64



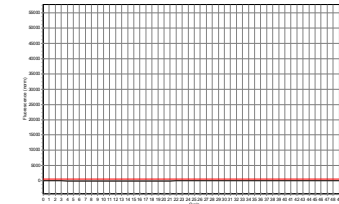
Threshold: 487 (Noiseless)
Baseline settings: automatic, DR correction OFF
65



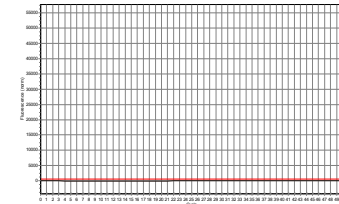
Threshold: 487 (Noiseless)
Baseline settings: automatic, DR correction OFF
66



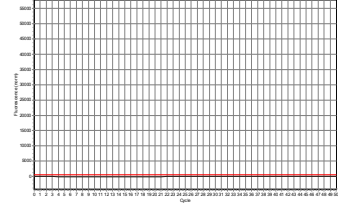
Threshold: 487 (Noiseless)
Baseline settings: automatic, DR correction OFF
67



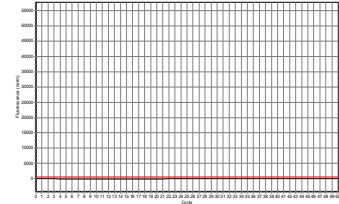
Threshold: 487 (Noiseless)
Baseline settings: automatic, DR correction OFF
68



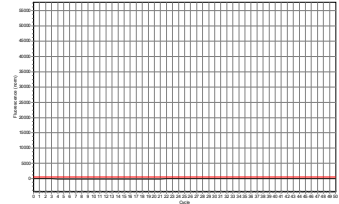
Threshold: 487 (Noiseless)
Baseline settings: automatic, DR correction OFF
69



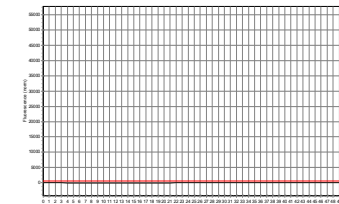
Threshold: 487 (Noiseless)
Baseline settings: automatic, DR correction OFF
70



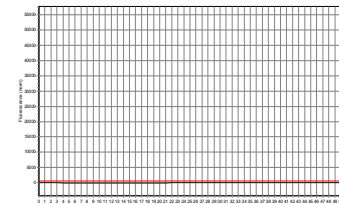
Threshold: 487 (Noiseless)
Baseline settings: automatic, DR correction OFF
71



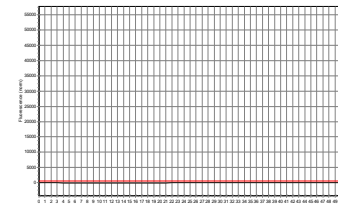
Threshold: 487 (Noiseless)
Baseline settings: automatic, DR correction OFF
72



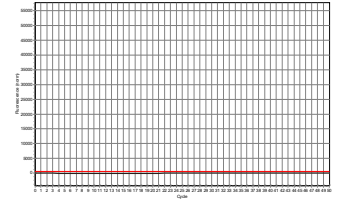
Threshold: 487 (Noiseless)
Baseline settings: automatic, DR correction OFF
73



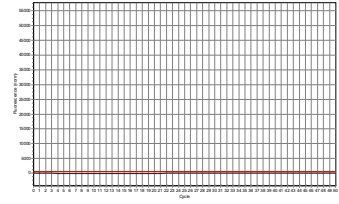
Threshold: 487 (Noiseless)
Baseline settings: automatic, DR correction OFF
74



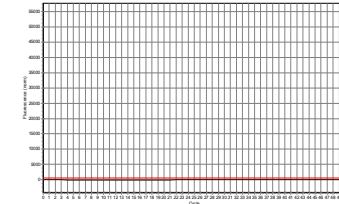
Threshold: 487 (Noiseless)
Baseline settings: automatic, DR correction OFF
75



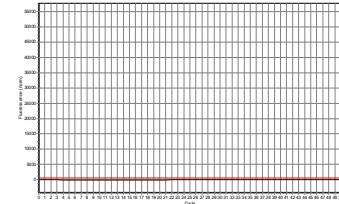
Threshold: 487 (Noiseless)
Baseline settings: automatic, DR correction OFF
76



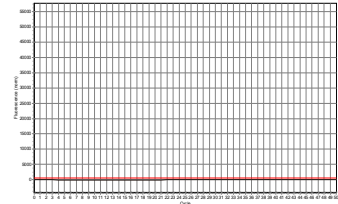
Threshold: 487 (Noiseless)
Baseline settings: automatic, DR correction OFF
77



Threshold: 487 (Noiseless)
Baseline settings: automatic, DR correction OFF
78

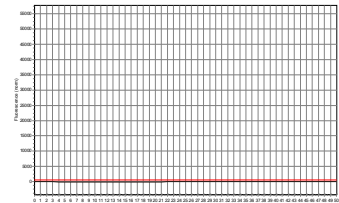


Threshold: 487 (Noiseless)
Baseline settings: automatic, DR correction OFF
79



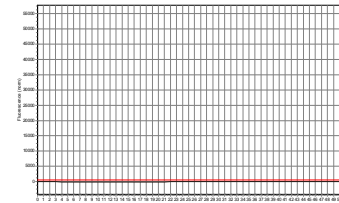
Threshold: 487 (Noiseless)
Baseline settings: automatic, DR correction OFF
80

KDM4B-AC011523.2-PROSTATE-BLOOD SAMPLE 81-100



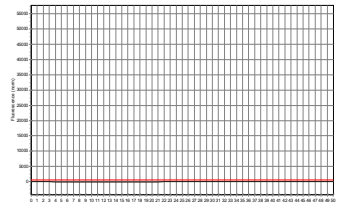
Threshold: 487 (Threshold)
Baseline settings: automatic, DR correction OFF

81



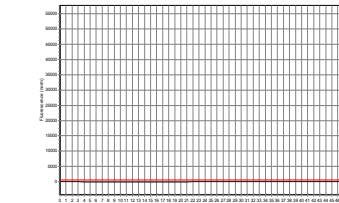
Threshold: 487 (Threshold)
Baseline settings: automatic, DR correction OFF

82



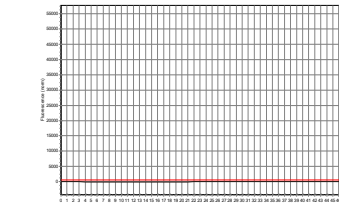
Threshold: 487 (Threshold)
Baseline settings: automatic, DR correction OFF

83



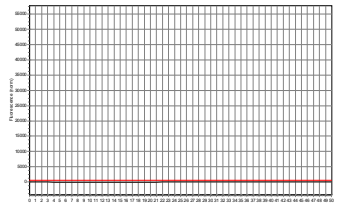
Threshold: 487 (Threshold)
Baseline settings: automatic, DR correction OFF

84



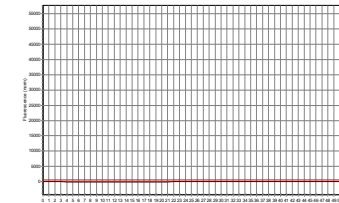
Threshold: 487 (Threshold)
Baseline settings: automatic, DR correction OFF

85



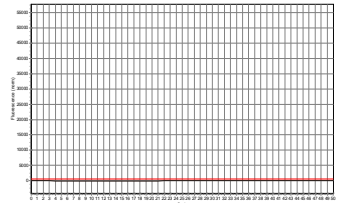
Threshold: 487 (Threshold)
Baseline settings: automatic, DR correction OFF

86



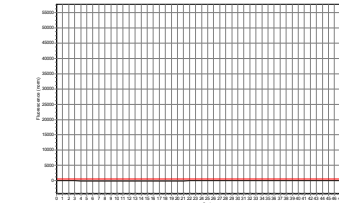
Threshold: 487 (Threshold)
Baseline settings: automatic, DR correction OFF

87



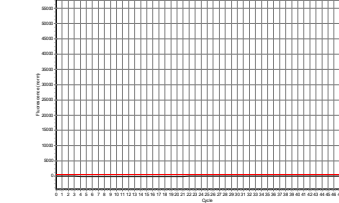
Threshold: 487 (Threshold)
Baseline settings: automatic, DR correction OFF

88



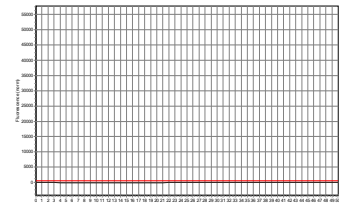
Threshold: 487 (Threshold)
Baseline settings: automatic, DR correction OFF

89



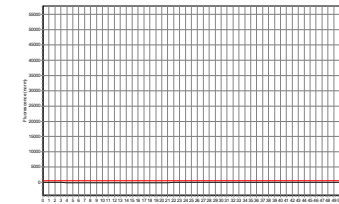
Threshold: 487 (Threshold)
Baseline settings: automatic, DR correction OFF

90



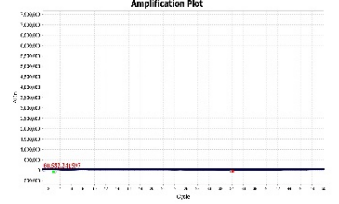
Threshold: 487 (Threshold)
Baseline settings: automatic, DR correction OFF

91



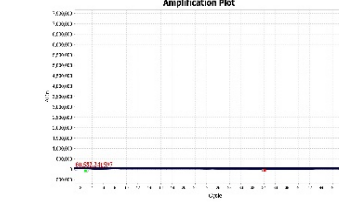
Threshold: 487 (Threshold)
Baseline settings: automatic, DR correction OFF

92



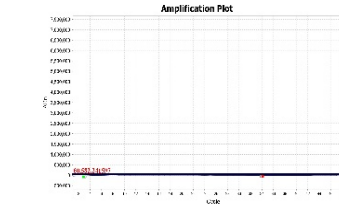
Threshold: 487 (Threshold)
Baseline settings: automatic, DR correction OFF

93



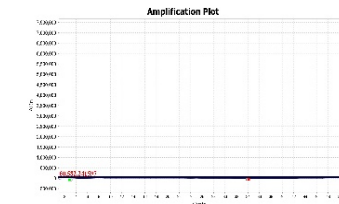
Threshold: 487 (Threshold)
Baseline settings: automatic, DR correction OFF

94



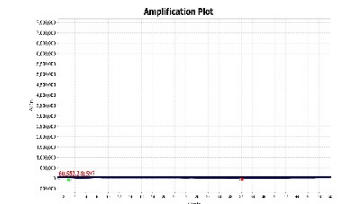
Threshold: 487 (Threshold)
Baseline settings: automatic, DR correction OFF

95



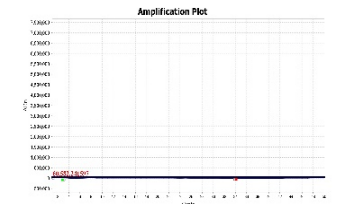
Threshold: 487 (Threshold)
Baseline settings: automatic, DR correction OFF

96



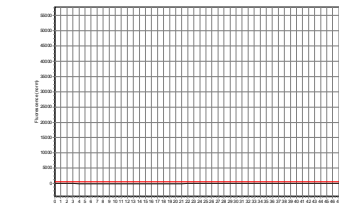
Threshold: 487 (Threshold)
Baseline settings: automatic, DR correction OFF

97



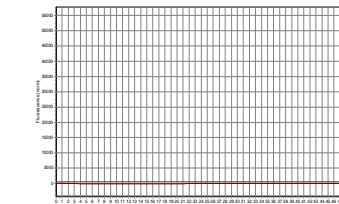
Threshold: 487 (Threshold)
Baseline settings: automatic, DR correction OFF

98



Threshold: 487 (Threshold)
Baseline settings: automatic, DR correction OFF

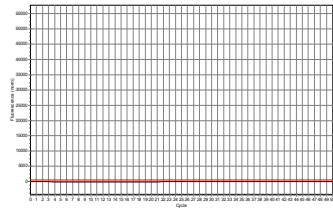
99



Threshold: 487 (Threshold)
Baseline settings: automatic, DR correction OFF

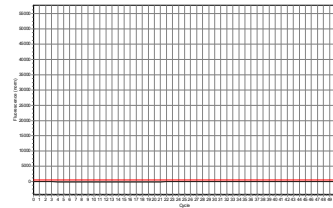
100

KDM4B-AC011523.2-PROSTATE-BLOOD SAMPLE 101-120



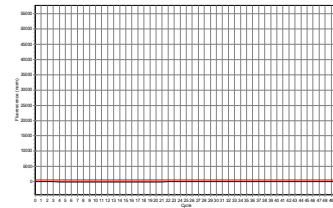
Threshold: 487 (Non-linear)
Baseline settings: automatic, Drift correction: OFF

101



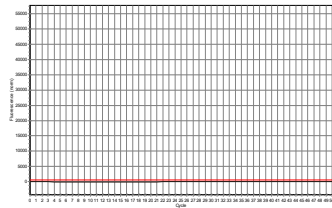
Threshold: 487 (Non-linear)
Baseline settings: automatic, Drift correction: OFF

102



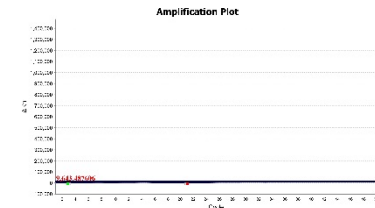
Threshold: 487 (Non-linear)
Baseline settings: automatic, Drift correction: OFF

103



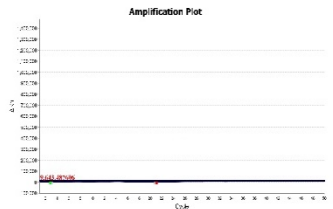
Threshold: 487 (Non-linear)
Baseline settings: automatic, Drift correction: OFF

104



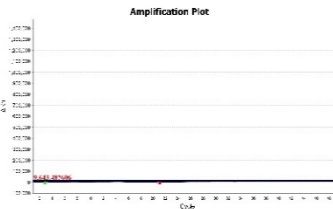
Threshold: 487 (Non-linear)
Baseline settings: automatic, Drift correction: OFF

105



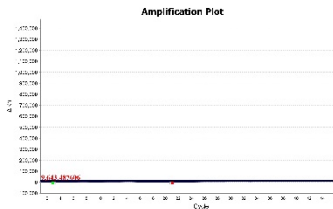
Threshold: 487 (Non-linear)
Baseline settings: automatic, Drift correction: OFF

106



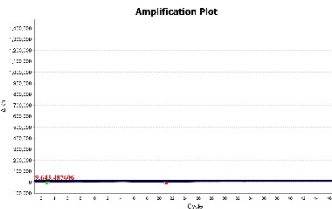
Threshold: 487 (Non-linear)
Baseline settings: automatic, Drift correction: OFF

107



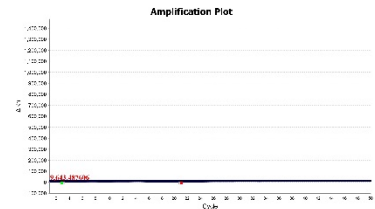
Threshold: 487 (Non-linear)
Baseline settings: automatic, Drift correction: OFF

108



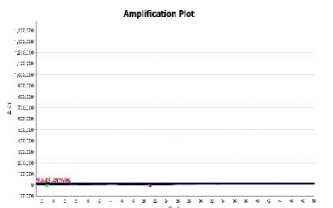
Threshold: 487 (Non-linear)
Baseline settings: automatic, Drift correction: OFF

109



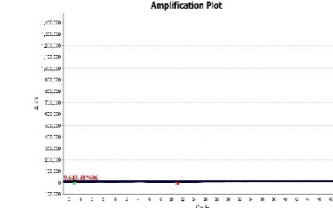
Threshold: 487 (Non-linear)
Baseline settings: automatic, Drift correction: OFF

110



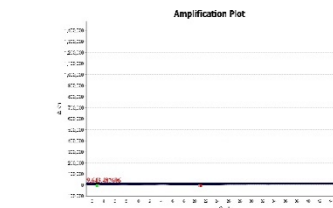
Threshold: 487 (Non-linear)
Baseline settings: automatic, Drift correction: OFF

111



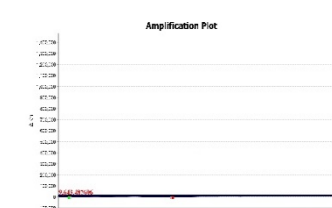
Threshold: 487 (Non-linear)
Baseline settings: automatic, Drift correction: OFF

111



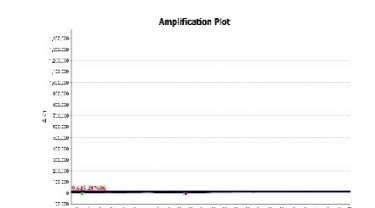
Threshold: 487 (Non-linear)
Baseline settings: automatic, Drift correction: OFF

113



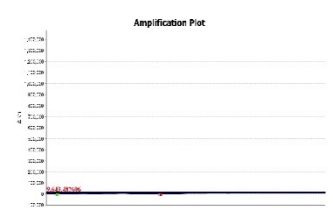
Threshold: 487 (Non-linear)
Baseline settings: automatic, Drift correction: OFF

114



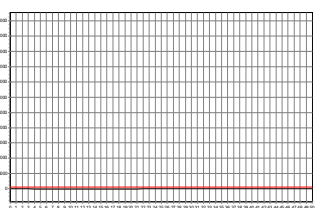
Threshold: 487 (Non-linear)
Baseline settings: automatic, Drift correction: OFF

115



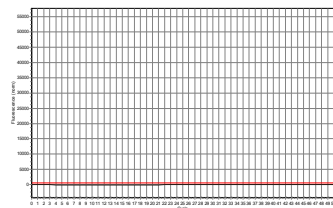
Threshold: 487 (Non-linear)
Baseline settings: automatic, Drift correction: OFF

116



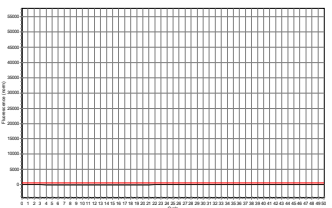
Threshold: 487 (Non-linear)
Baseline settings: automatic, Drift correction: OFF

117



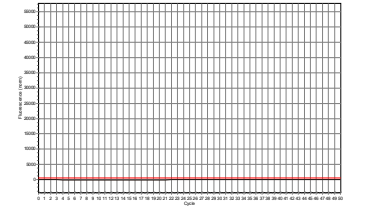
Threshold: 487 (Non-linear)
Baseline settings: automatic, Drift correction: OFF

118



Threshold: 487 (Non-linear)
Baseline settings: automatic, Drift correction: OFF

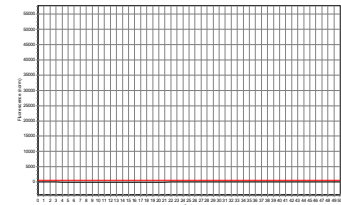
119



Threshold: 487 (Non-linear)
Baseline settings: automatic, Drift correction: OFF

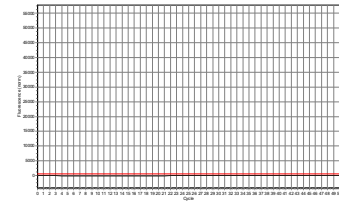
120

KDM4B-AC011523.2-PROSTATE-BLOOD SAMPLE 121-140



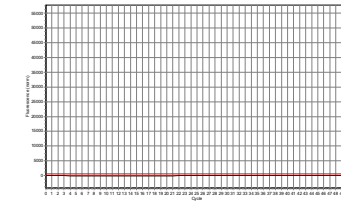
Threshold: 487 (Nonblank)
Baseline settings: automatic, DR correction OFF

121



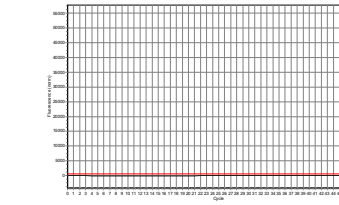
Threshold: 487 (Nonblank)
Baseline settings: automatic, DR correction OFF

122



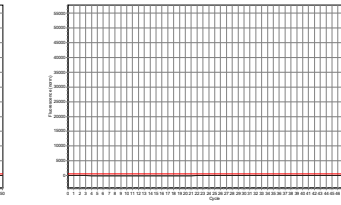
Threshold: 487 (Nonblank)
Baseline settings: automatic, DR correction OFF

123



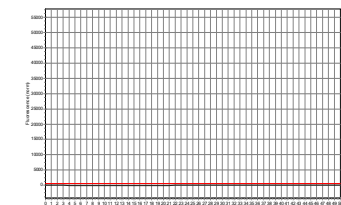
Threshold: 487 (Nonblank)
Baseline settings: automatic, DR correction OFF

124



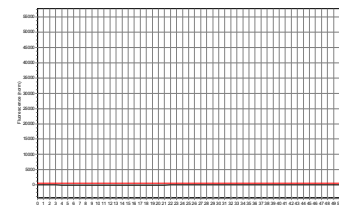
Threshold: 487 (Nonblank)
Baseline settings: automatic, DR correction OFF

125



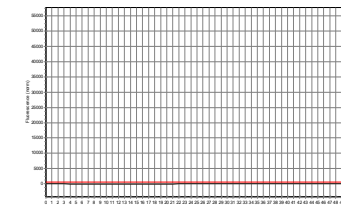
Threshold: 487 (Nonblank)
Baseline settings: automatic, DR correction OFF

126



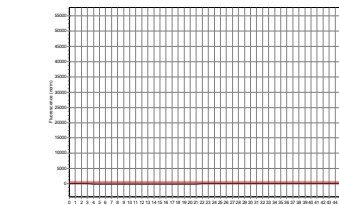
Threshold: 487 (Nonblank)
Baseline settings: automatic, DR correction OFF

127



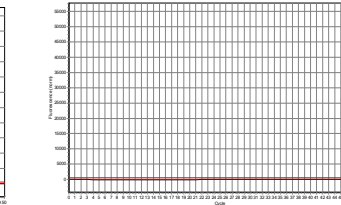
Threshold: 487 (Nonblank)
Baseline settings: automatic, DR correction OFF

128



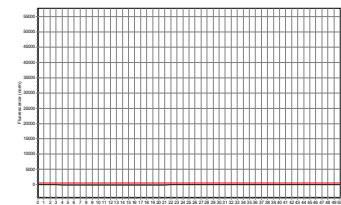
Threshold: 487 (Nonblank)
Baseline settings: automatic, DR correction OFF

129



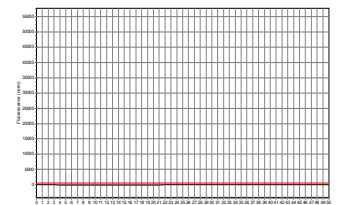
Threshold: 487 (Nonblank)
Baseline settings: automatic, DR correction OFF

130



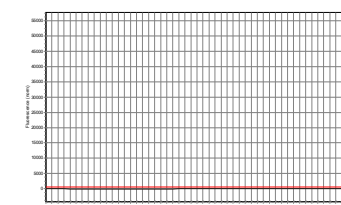
Threshold: 487 (Nonblank)
Baseline settings: automatic, DR correction OFF

131



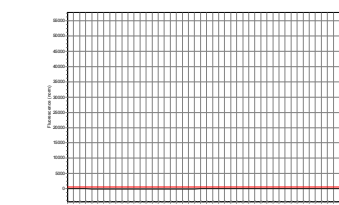
Threshold: 487 (Nonblank)
Baseline settings: automatic, DR correction OFF

132



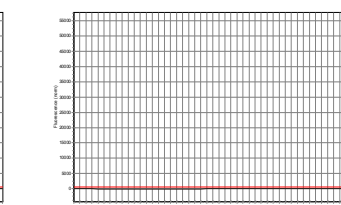
Threshold: 487 (Nonblank)
Baseline settings: automatic, DR correction OFF

133



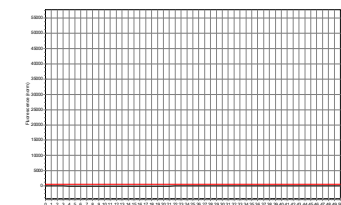
Threshold: 487 (Nonblank)
Baseline settings: automatic, DR correction OFF

134



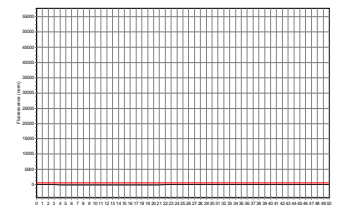
Threshold: 487 (Nonblank)
Baseline settings: automatic, DR correction OFF

135



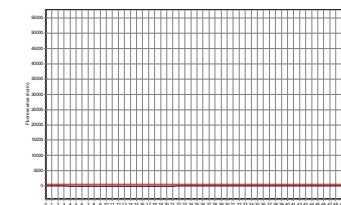
Threshold: 487 (Nonblank)
Baseline settings: automatic, DR correction OFF

136



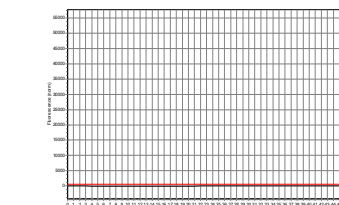
Threshold: 487 (Nonblank)
Baseline settings: automatic, DR correction OFF

137



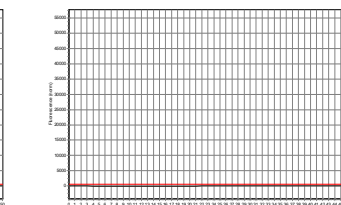
Threshold: 487 (Nonblank)
Baseline settings: automatic, DR correction OFF

138



Threshold: 487 (Nonblank)
Baseline settings: automatic, DR correction OFF

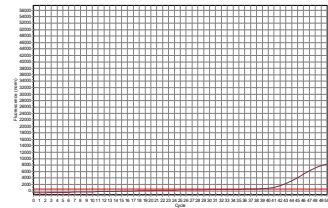
139



Threshold: 487 (Nonblank)
Baseline settings: automatic, DR correction OFF

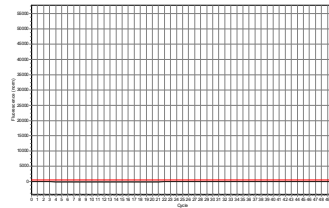
140

KDM4B-AC011523.2-PROSTATE-BLOOD SAMPLE 141-150



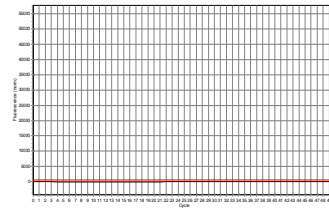
Threshold: 47 (Nonband)
Baseline settings: automatic, DR correction OFF

141



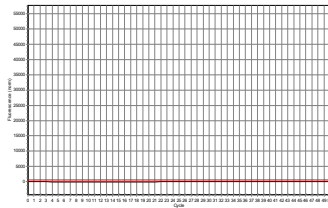
Threshold: 47 (Nonband)
Baseline settings: automatic, DR correction OFF

142



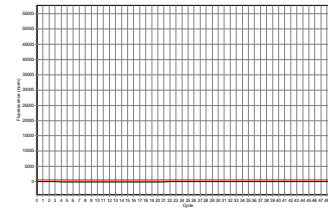
Threshold: 47 (Nonband)
Baseline settings: automatic, DR correction OFF

143



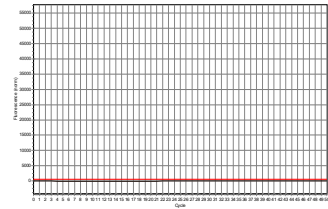
Threshold: 47 (Nonband)
Baseline settings: automatic, DR correction OFF

144



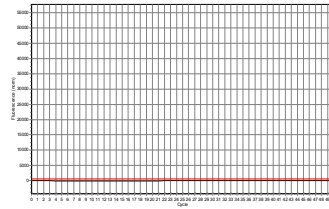
Threshold: 47 (Nonband)
Baseline settings: automatic, DR correction OFF

145



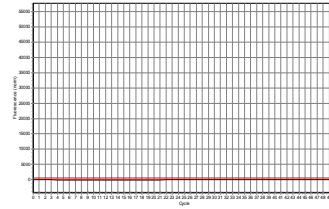
Threshold: 47 (Nonband)
Baseline settings: automatic, DR correction OFF

146



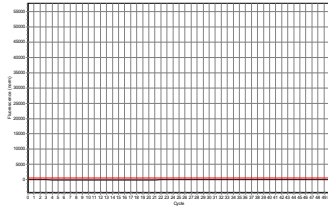
Threshold: 47 (Nonband)
Baseline settings: automatic, DR correction OFF

147



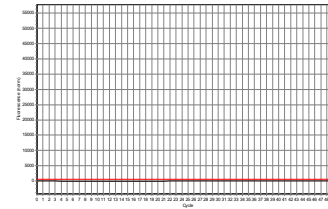
Threshold: 47 (Nonband)
Baseline settings: automatic, DR correction OFF

148



Threshold: 47 (Nonband)
Baseline settings: automatic, DR correction OFF

149

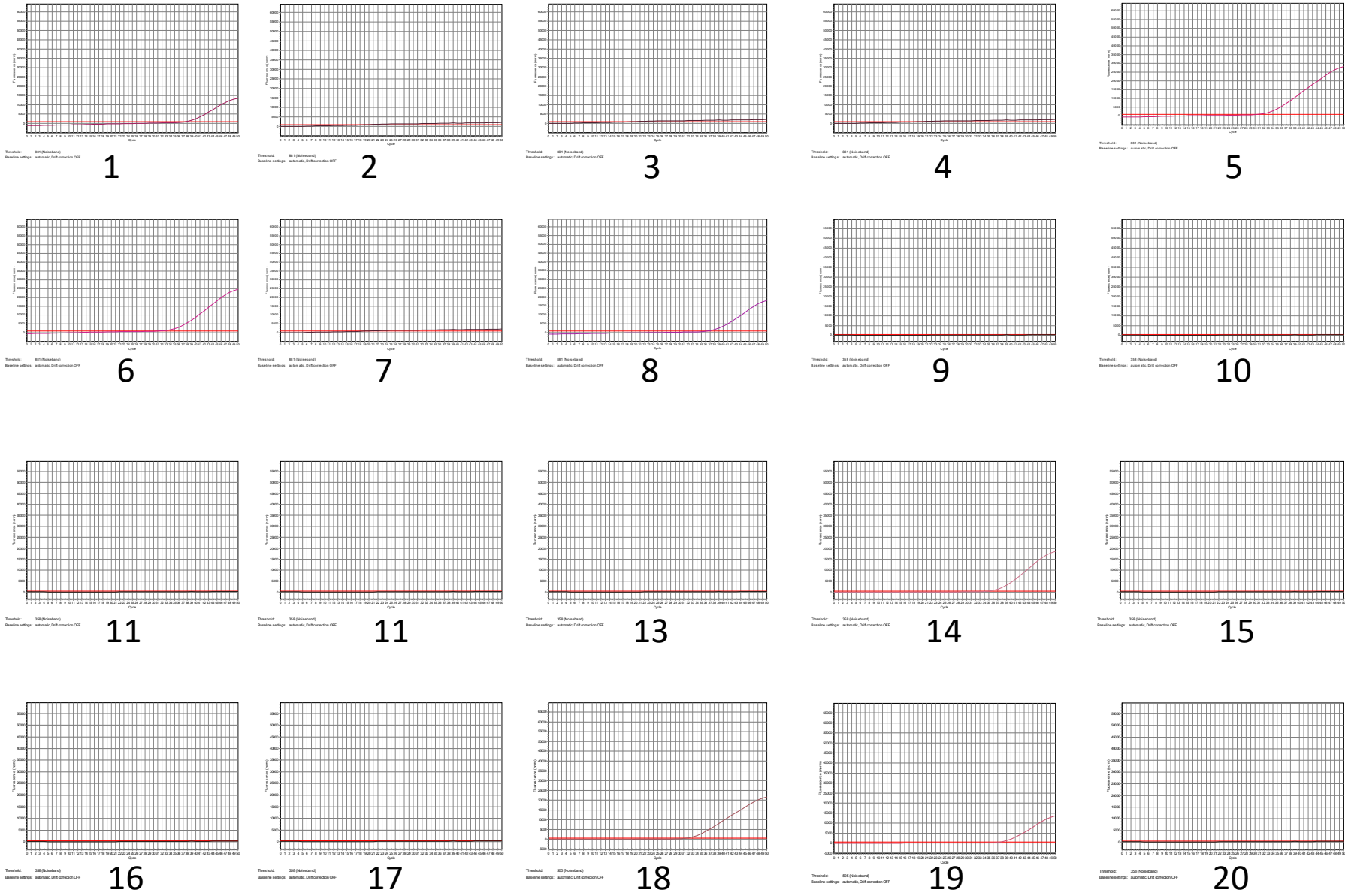


Threshold: 47 (Nonband)
Baseline settings: automatic, DR correction OFF

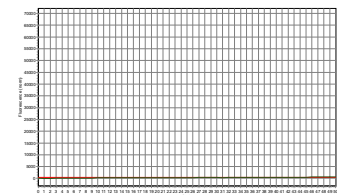
150

Supplemental figure 6

SLC45A2-AMACR fusion detection SLC45A2-AMACR-PROSTATE-BLOOD SAMPLE 1-20

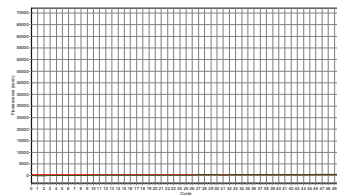


SLC45A2-AMACR-PROSTATE-BLOOD SAMPLE 21-40



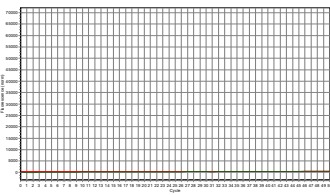
Threshold: 405 (Nonblank)
Baseline settings: automatic, DR correction OFF

21



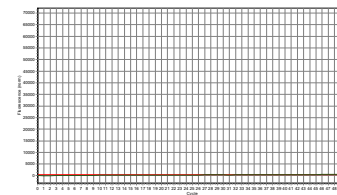
Threshold: 405 (Nonblank)
Baseline settings: automatic, DR correction OFF

22



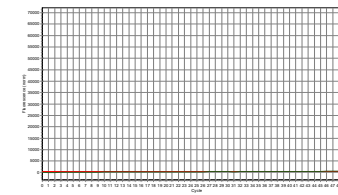
Threshold: 405 (Nonblank)
Baseline settings: automatic, DR correction OFF

23



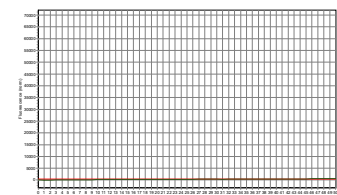
Threshold: 405 (Nonblank)
Baseline settings: automatic, DR correction OFF

24



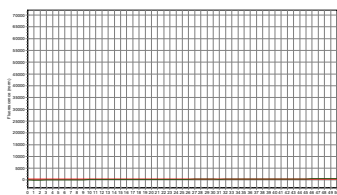
Threshold: 405 (Nonblank)
Baseline settings: automatic, DR correction OFF

25



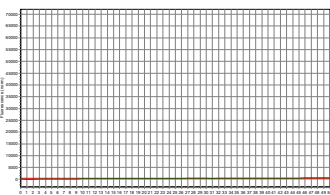
Threshold: 405 (Nonblank)
Baseline settings: automatic, DR correction OFF

26



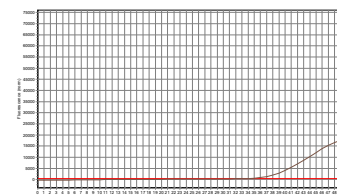
Threshold: 405 (Nonblank)
Baseline settings: automatic, DR correction OFF

27



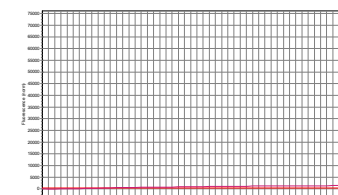
Threshold: 405 (Nonblank)
Baseline settings: automatic, DR correction OFF

28



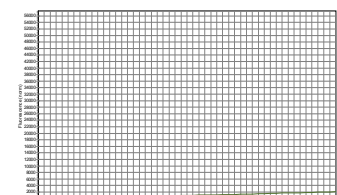
Threshold: 405 (Nonblank)
Baseline settings: automatic, DR correction OFF

29



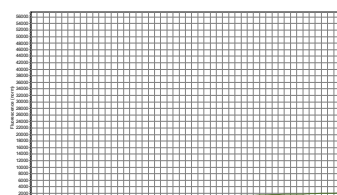
Threshold: 405 (Nonblank)
Baseline settings: automatic, DR correction OFF

30



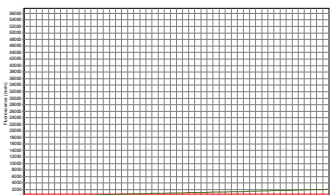
Threshold: 617 (Nonblank)
Baseline settings: automatic, DR correction OFF

31



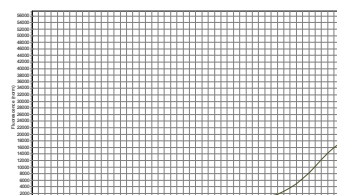
Threshold: 617 (Nonblank)
Baseline settings: automatic, DR correction OFF

32



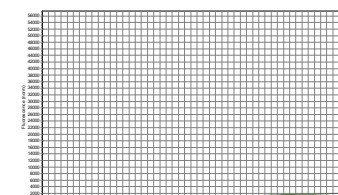
Threshold: 617 (Nonblank)
Baseline settings: automatic, DR correction OFF

33



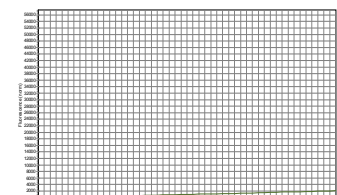
Threshold: 617 (Nonblank)
Baseline settings: automatic, DR correction OFF

34



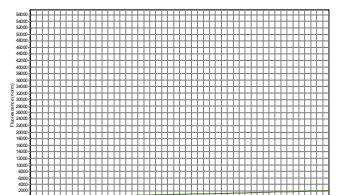
Threshold: 617 (Nonblank)
Baseline settings: automatic, DR correction OFF

35



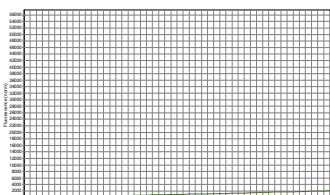
Threshold: 617 (Nonblank)
Baseline settings: automatic, DR correction OFF

36



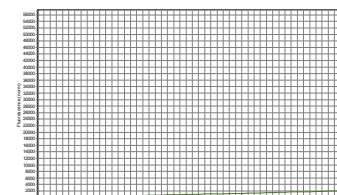
Threshold: 617 (Nonblank)
Baseline settings: automatic, DR correction OFF

37



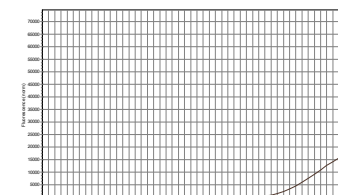
Threshold: 617 (Nonblank)
Baseline settings: automatic, DR correction OFF

38



Threshold: 617 (Nonblank)
Baseline settings: automatic, DR correction OFF

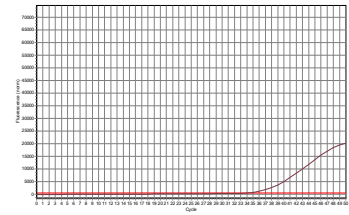
39



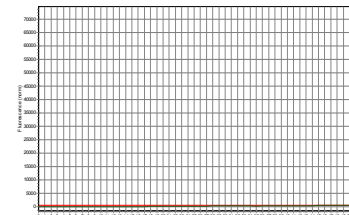
Threshold: 405 (Nonblank)
Baseline settings: automatic, DR correction OFF

40

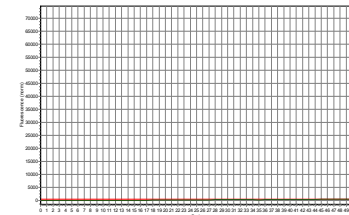
SLC45A2-AMACR-PROSTATE-BLOOD SAMPLE 41-60



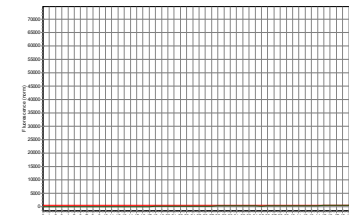
41



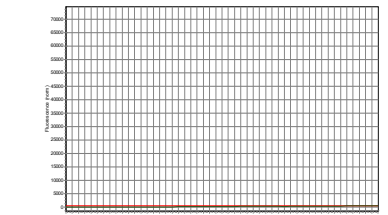
42



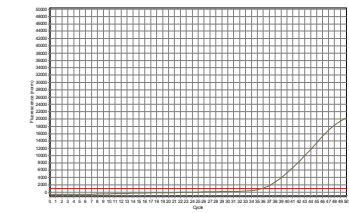
43



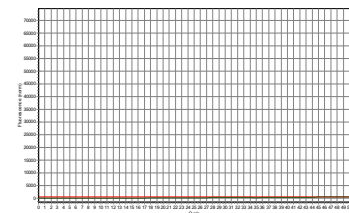
44



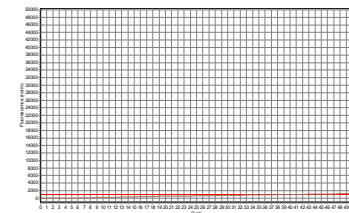
45



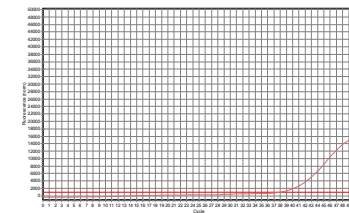
46



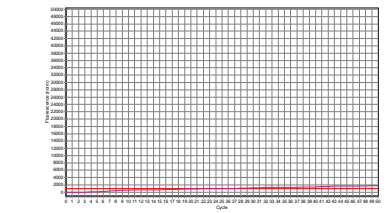
47



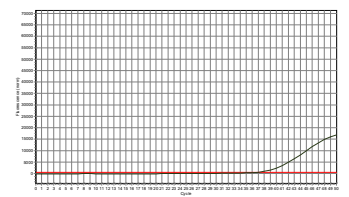
47



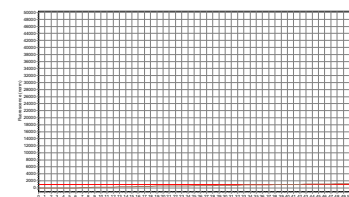
49



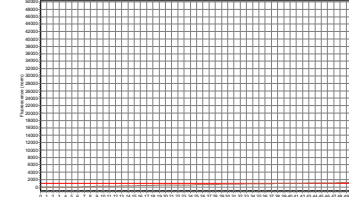
50



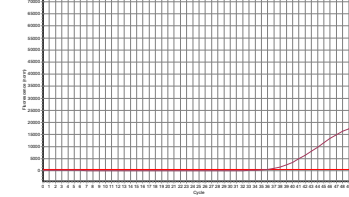
51



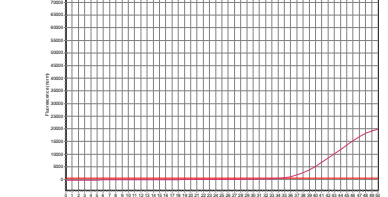
52



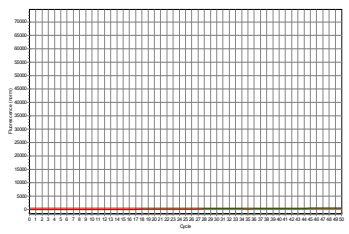
53



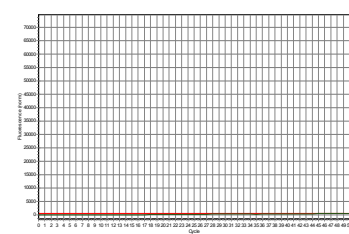
54



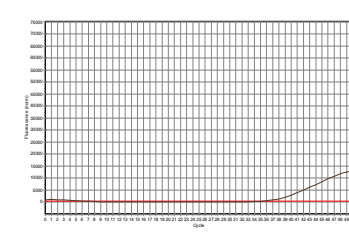
55



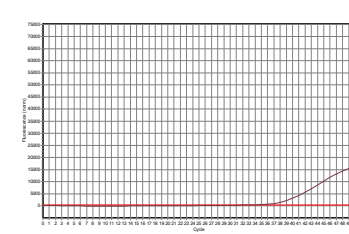
56



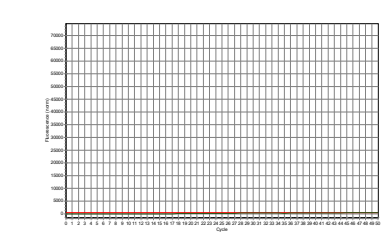
57



58

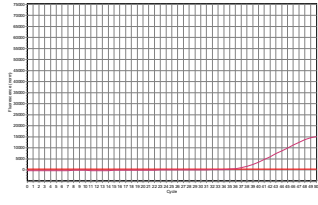


59

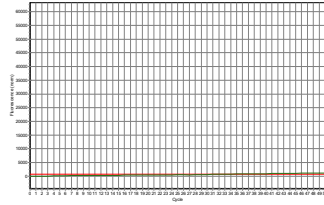


60

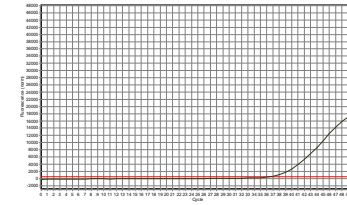
SLC45A2-AMACR-PROSTATE-BLOOD SAMPLE 61-80



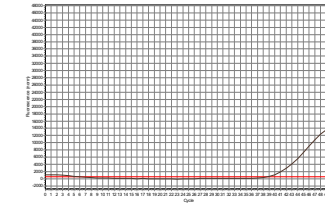
61



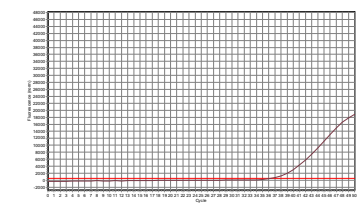
62



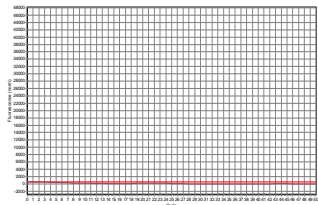
63



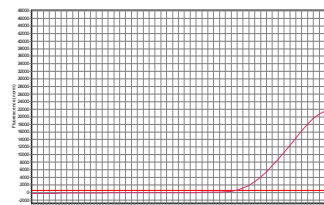
64



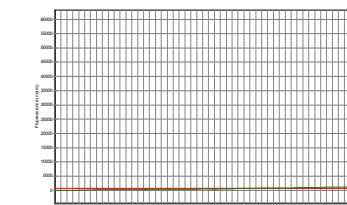
65



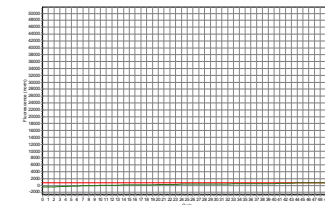
66



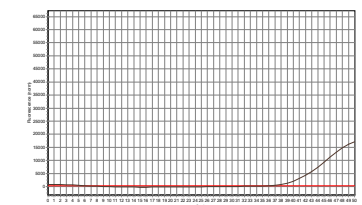
67



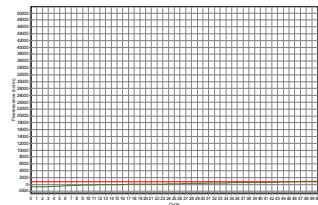
68



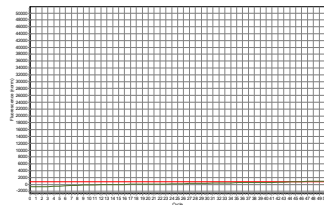
69



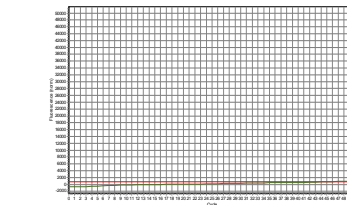
70



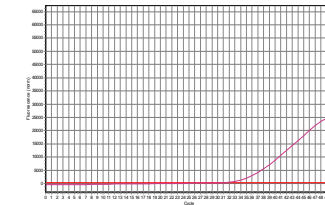
71



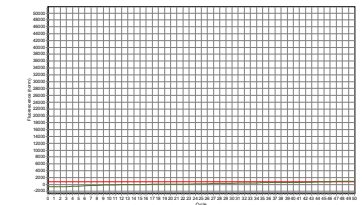
72



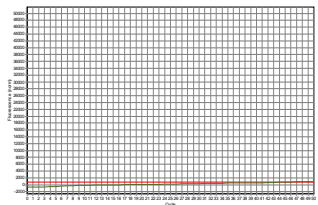
73



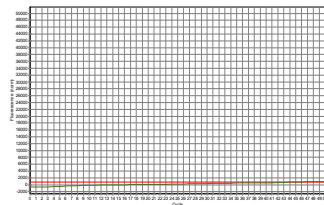
74



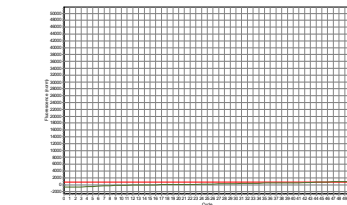
75



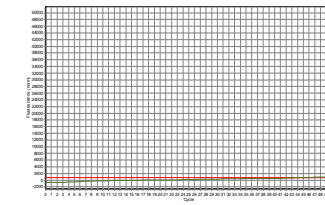
76



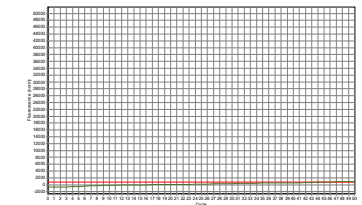
77



78

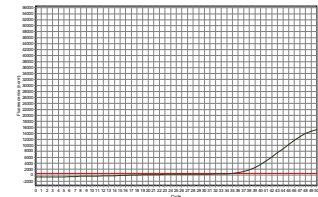


79



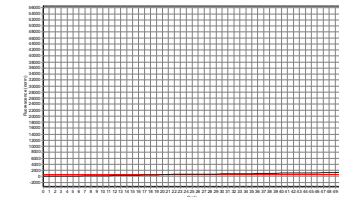
80

SLC45A2-AMACR-PROSTATE-BLOOD SAMPLE 81-100



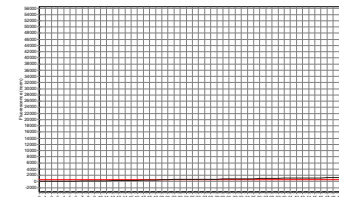
Threshold: 500 (Normalized)
Baseline settings: automatic, DR correction OFF

81



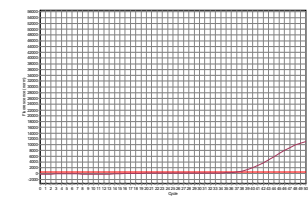
Threshold: 500 (Normalized)
Baseline settings: automatic, DR correction OFF

82



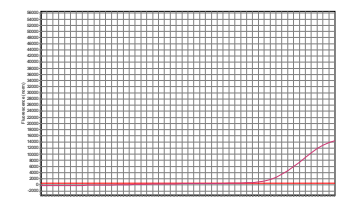
Threshold: 500 (Normalized)
Baseline settings: automatic, DR correction OFF

83



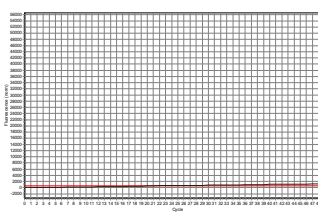
Threshold: 500 (Normalized)
Baseline settings: automatic, DR correction OFF

84



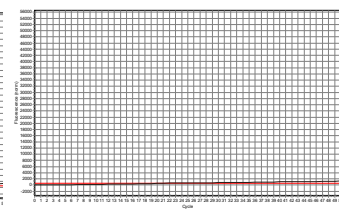
Threshold: 500 (Normalized)
Baseline settings: automatic, DR correction OFF

85



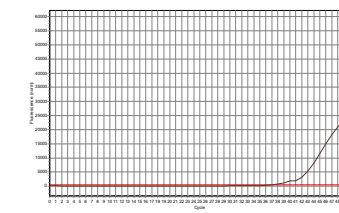
Threshold: 500 (Normalized)
Baseline settings: automatic, DR correction OFF

86



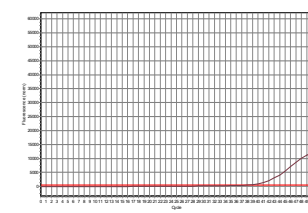
Threshold: 500 (Normalized)
Baseline settings: automatic, DR correction OFF

87



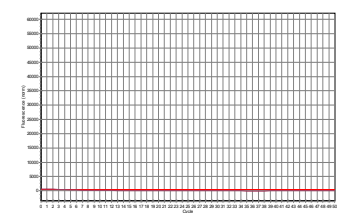
Threshold: 407 (Normalized)
Baseline settings: automatic, DR correction OFF

88



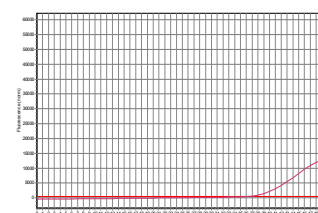
Threshold: 407 (Normalized)
Baseline settings: automatic, DR correction OFF

89



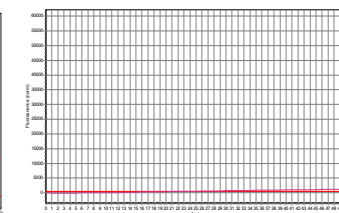
Threshold: 407 (Normalized)
Baseline settings: automatic, DR correction OFF

90



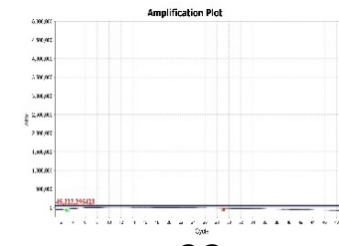
Threshold: 407 (Normalized)
Baseline settings: automatic, DR correction OFF

91



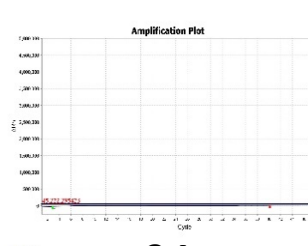
Threshold: 407 (Normalized)
Baseline settings: automatic, DR correction OFF

92



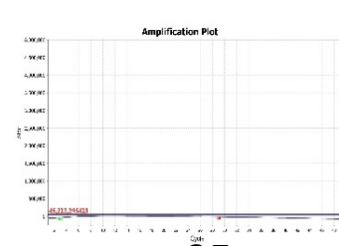
■ $C_{T,amp} = 1$

93



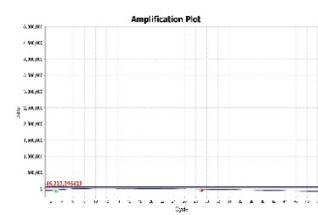
■ $C_{T,amp} = 1$

94



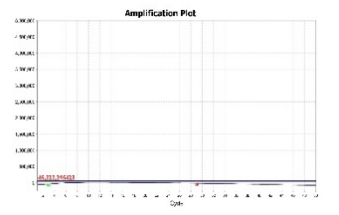
■ $C_{T,amp} = 1$

95



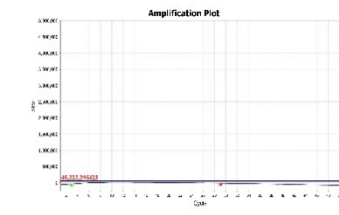
■ $C_{T,amp} = 1$

96



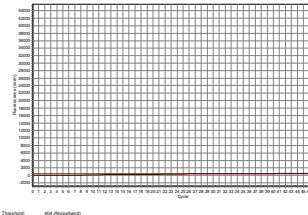
■ $C_{T,amp} = 1$

97



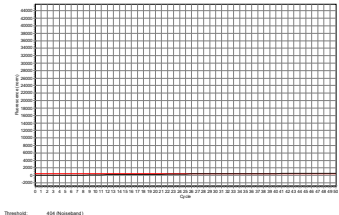
■ $C_{T,amp} = 1$

98



Threshold: 500 (Normalized)
Baseline settings: automatic, DR correction OFF

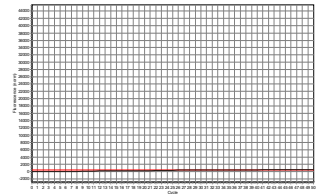
99



Threshold: 416 (Normalized)
Baseline settings: automatic, DR correction OFF

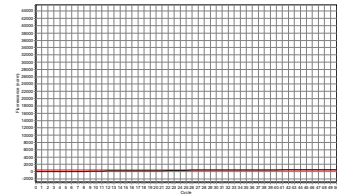
100

SLC45A2-AMACR-PROSTATE-BLOOD SAMPLE 101-120



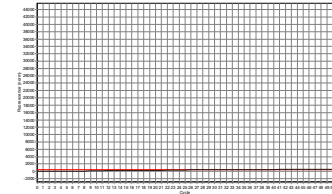
Threshold: 454 (Nonstandard)
Baseline settings: automatic, DR correction OFF

101



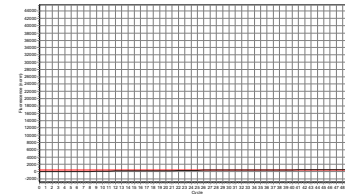
Threshold: 454 (Nonstandard)
Baseline settings: automatic, DR correction OFF

102



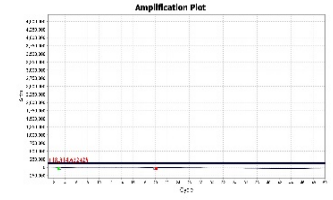
Threshold: 454 (Nonstandard)
Baseline settings: automatic, DR correction OFF

103



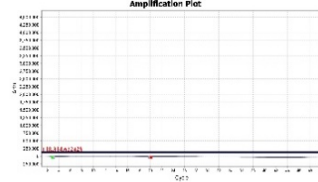
Threshold: 454 (Nonstandard)
Baseline settings: automatic, DR correction OFF

104



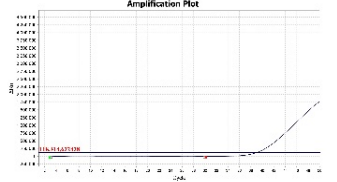
Threshold: 454 (Nonstandard)
Baseline settings: automatic, DR correction OFF

105



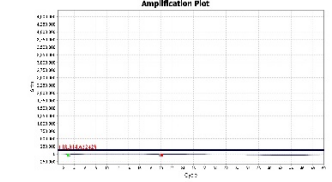
Threshold: 454 (Nonstandard)
Baseline settings: automatic, DR correction OFF

106



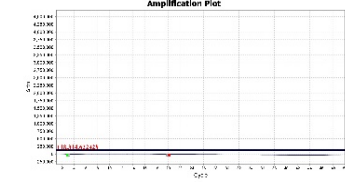
Threshold: 454 (Nonstandard)
Baseline settings: automatic, DR correction OFF

107



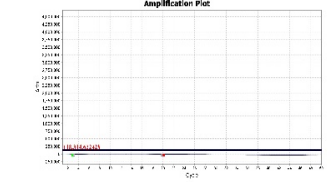
Threshold: 454 (Nonstandard)
Baseline settings: automatic, DR correction OFF

108



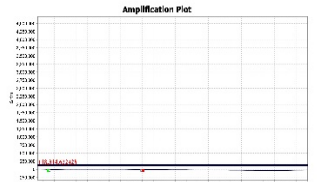
Threshold: 454 (Nonstandard)
Baseline settings: automatic, DR correction OFF

109



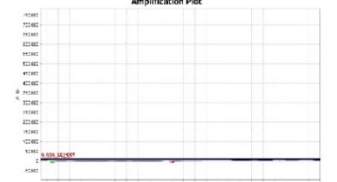
Threshold: 454 (Nonstandard)
Baseline settings: automatic, DR correction OFF

110



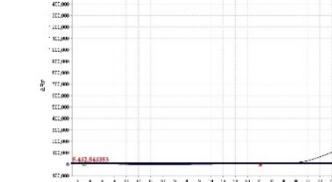
Threshold: 454 (Nonstandard)
Baseline settings: automatic, DR correction OFF

111



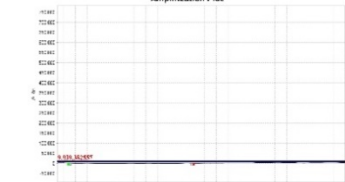
Threshold: 454 (Nonstandard)
Baseline settings: automatic, DR correction OFF

111



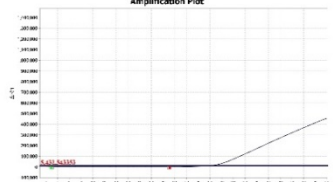
Threshold: 454 (Nonstandard)
Baseline settings: automatic, DR correction OFF

113



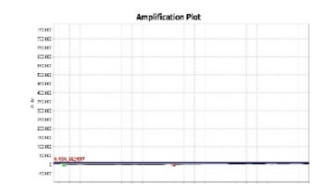
Threshold: 454 (Nonstandard)
Baseline settings: automatic, DR correction OFF

114



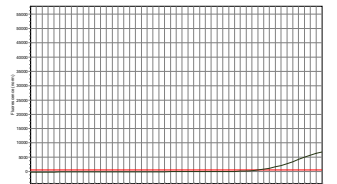
Threshold: 454 (Nonstandard)
Baseline settings: automatic, DR correction OFF

115



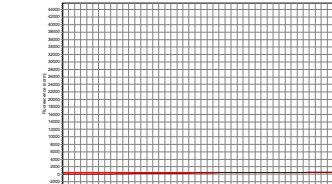
Threshold: 454 (Nonstandard)
Baseline settings: automatic, DR correction OFF

116



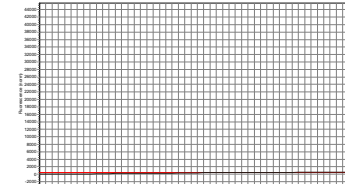
Threshold: 454 (Nonstandard)
Baseline settings: automatic, DR correction OFF

117



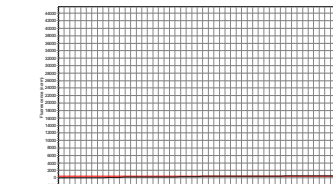
Threshold: 454 (Nonstandard)
Baseline settings: automatic, DR correction OFF

118



Threshold: 454 (Nonstandard)
Baseline settings: automatic, DR correction OFF

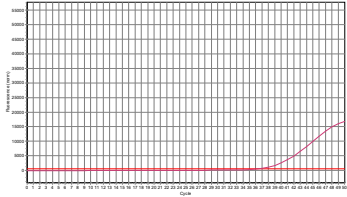
119



Threshold: 454 (Nonstandard)
Baseline settings: automatic, DR correction OFF

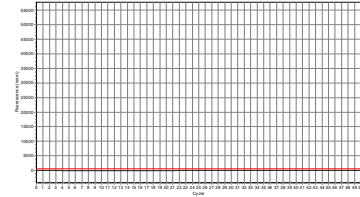
120

SLC45A2-AMACR-PROSTATE-BLOOD SAMPLE 121-140



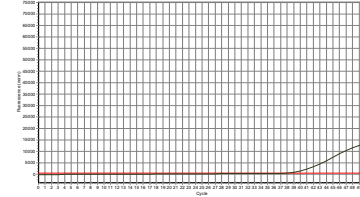
Threshold: 467 (Nonlinear)
Baseline settings: automatic, DR correction OFF

121



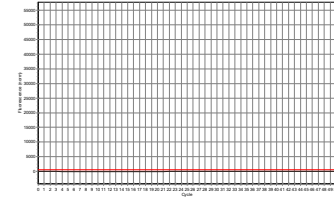
Threshold: 467 (Nonlinear)
Baseline settings: automatic, DR correction OFF

122



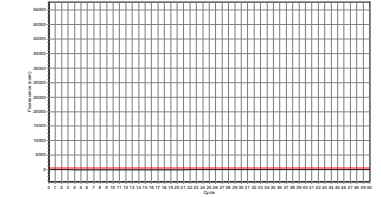
Threshold: 514 (Nonlinear)
Baseline settings: automatic, DR correction OFF

123



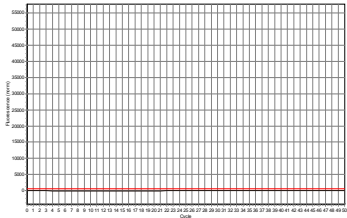
Threshold: 467 (Nonlinear)
Baseline settings: automatic, DR correction OFF

124



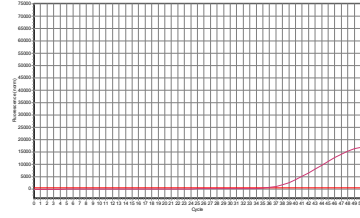
Threshold: 607 (Nonlinear)
Baseline settings: automatic, DR correction OFF

125



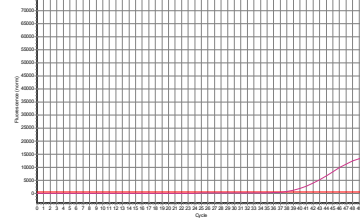
Threshold: 467 (Nonlinear)
Baseline settings: automatic, DR correction OFF

126



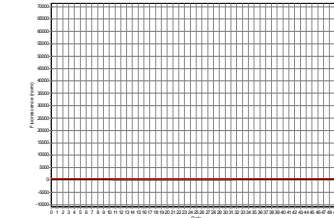
Threshold: 514 (Nonlinear)
Baseline settings: automatic, DR correction OFF

127



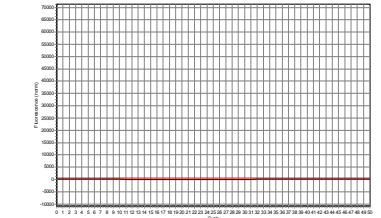
Threshold: 514 (Nonlinear)
Baseline settings: automatic, DR correction OFF

128



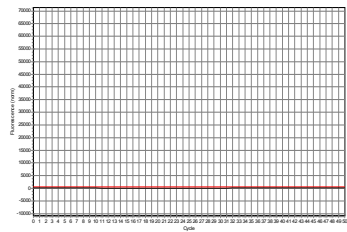
Threshold: 600 (Nonlinear)
Baseline settings: automatic, DR correction OFF

129



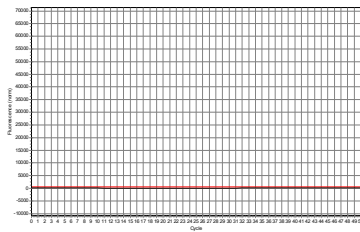
Threshold: 600 (Nonlinear)
Baseline settings: automatic, DR correction OFF

130



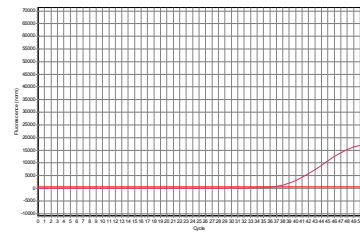
Threshold: 600 (Nonlinear)
Baseline settings: automatic, DR correction OFF

131



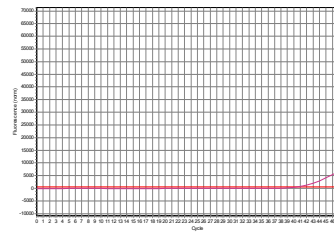
Threshold: 600 (Nonlinear)
Baseline settings: automatic, DR correction OFF

132



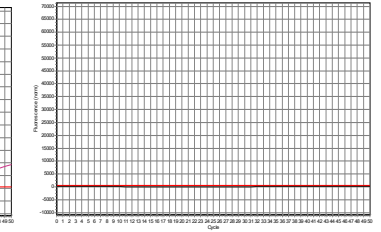
Threshold: 600 (Nonlinear)
Baseline settings: automatic, DR correction OFF

133



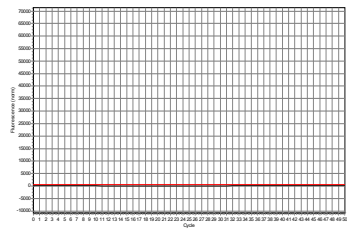
Threshold: 600 (Nonlinear)
Baseline settings: automatic, DR correction OFF

134



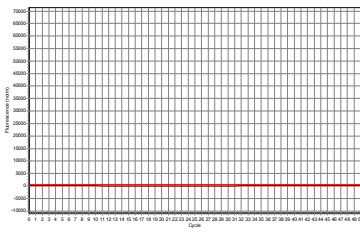
Threshold: 600 (Nonlinear)
Baseline settings: automatic, DR correction OFF

135



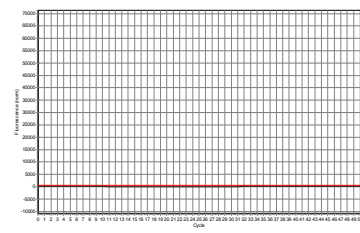
Threshold: 600 (Nonlinear)
Baseline settings: automatic, DR correction OFF

136



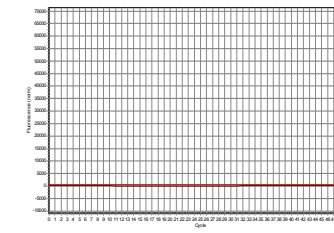
Threshold: 600 (Nonlinear)
Baseline settings: automatic, DR correction OFF

137



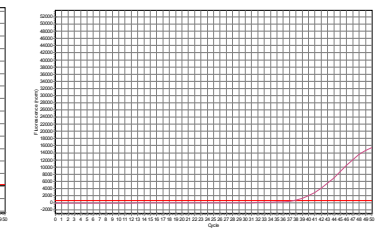
Threshold: 600 (Nonlinear)
Baseline settings: automatic, DR correction OFF

138



Threshold: 600 (Nonlinear)
Baseline settings: automatic, DR correction OFF

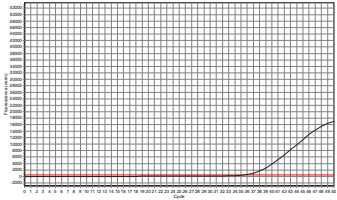
139



Threshold: 600 (Nonlinear)
Baseline settings: automatic, DR correction OFF

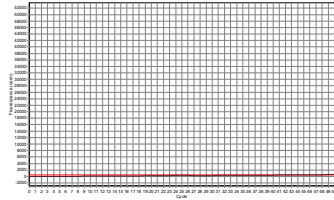
140

SLC45A2-AMACR-PROSTATE-BLOOD SAMPLE 141-150



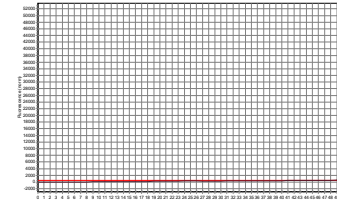
Threshold: 452 (Nucleband)
Baseline settings: automatic, DR correction OFF

141



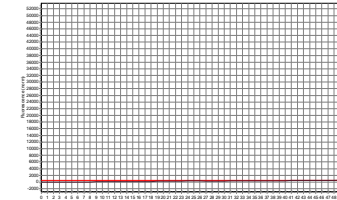
Threshold: 452 (Nucleband)
Baseline settings: automatic, DR correction OFF

142



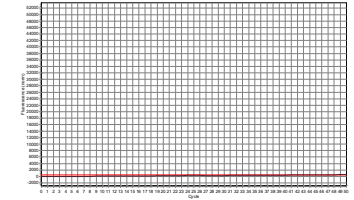
Threshold: 452 (Nucleband)
Baseline settings: automatic, DR correction OFF

143



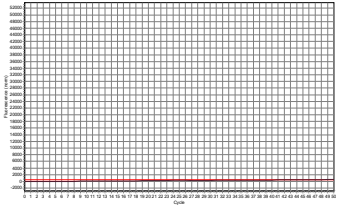
Threshold: 452 (Nucleband)
Baseline settings: automatic, DR correction OFF

144



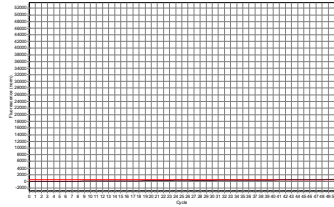
Threshold: 452 (Nucleband)
Baseline settings: automatic, DR correction OFF

145



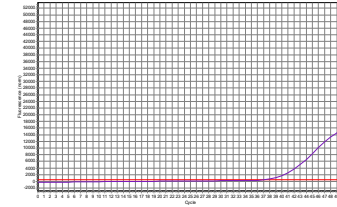
Threshold: 452 (Nucleband)
Baseline settings: automatic, DR correction OFF

146



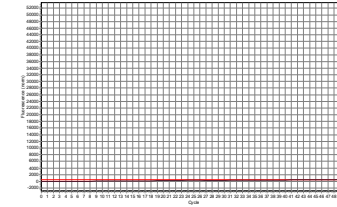
Threshold: 452 (Nucleband)
Baseline settings: automatic, DR correction OFF

147



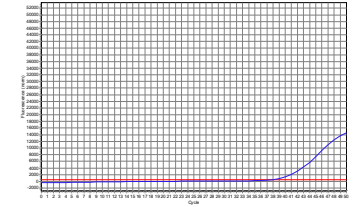
Threshold: 452 (Nucleband)
Baseline settings: automatic, DR correction OFF

148



Threshold: 452 (Nucleband)
Baseline settings: automatic, DR correction OFF

149

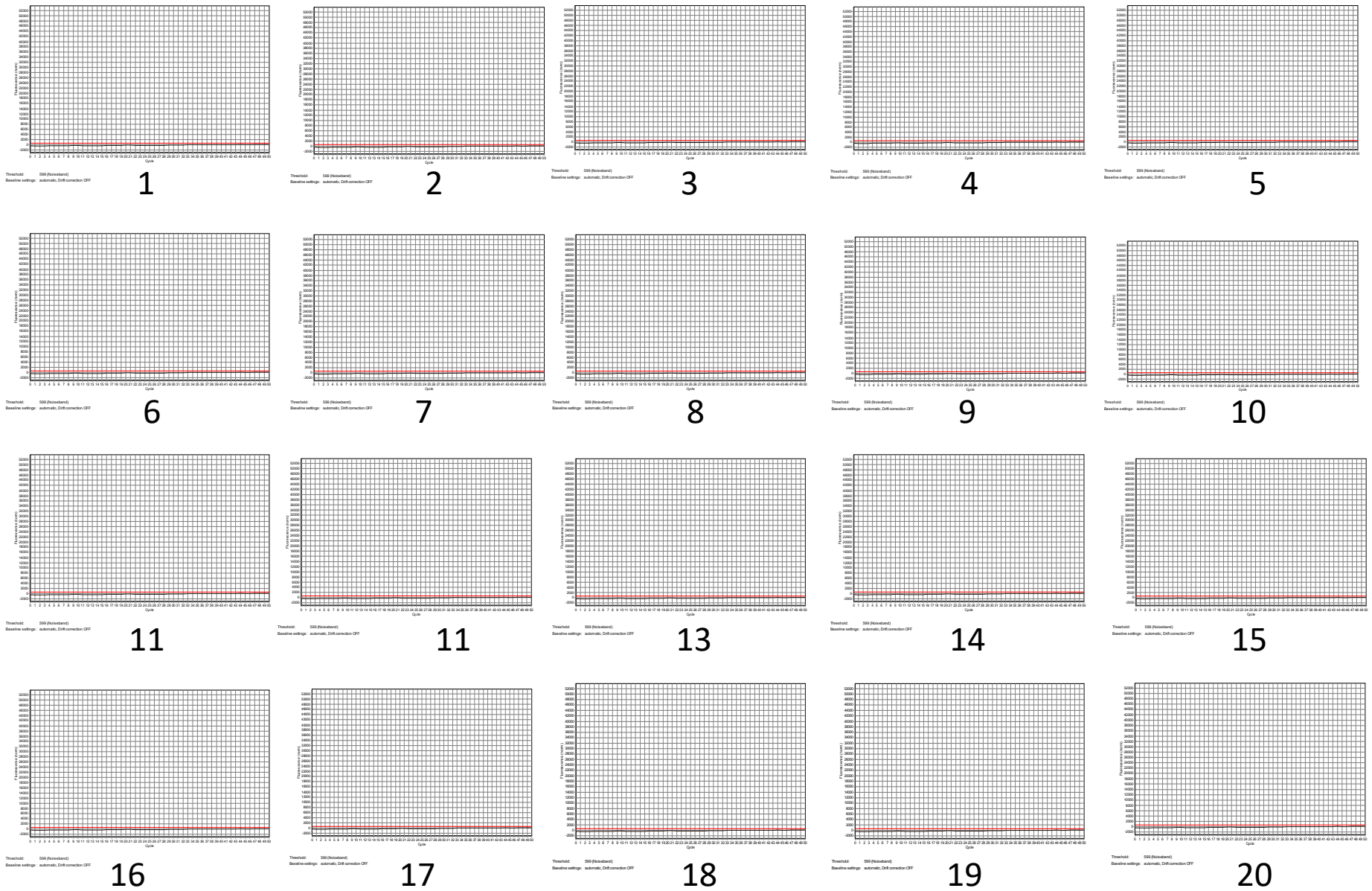


Threshold: 452 (Nucleband)
Baseline settings: automatic, DR correction OFF

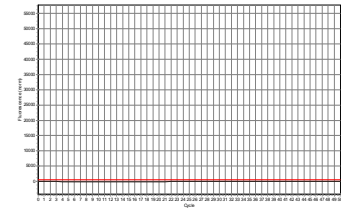
150

Supplemental figure 7

TMEM135-CCDC67 fusion detection TMEM135-CCDC67-PROSTATE-BLOOD SAMPLE 1-20

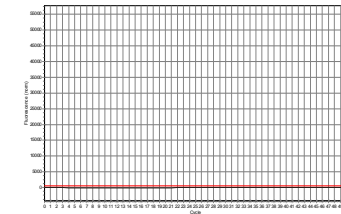


TMEM135-CCDC67-PROSTATE-BLOOD SAMPLE 21-40



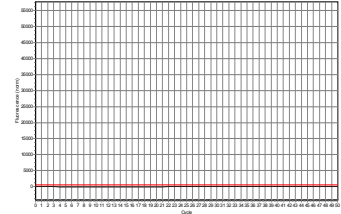
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

21



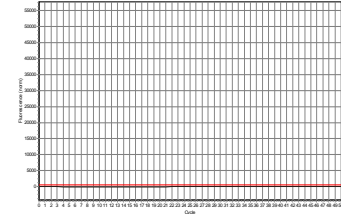
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

22



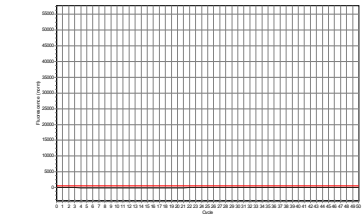
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

23



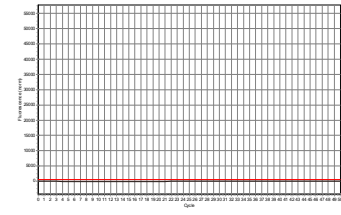
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

24



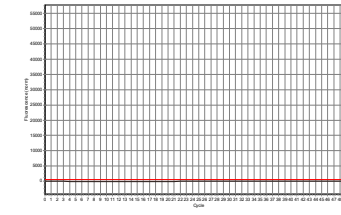
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

25



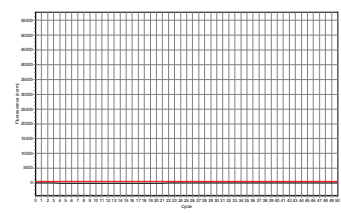
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

26



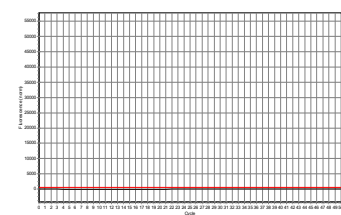
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

27



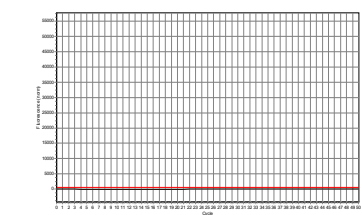
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

28



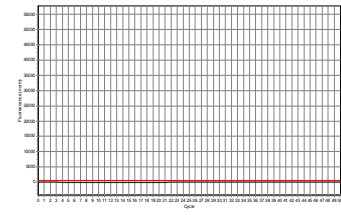
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

29



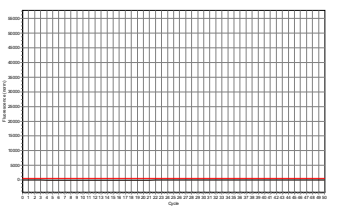
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

30



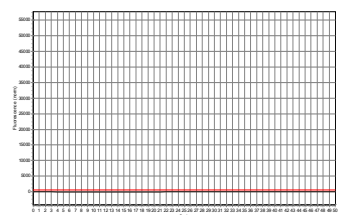
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

31



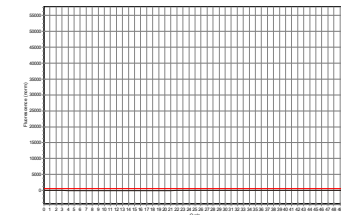
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

32



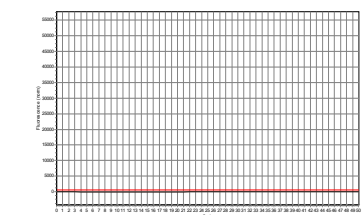
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

33



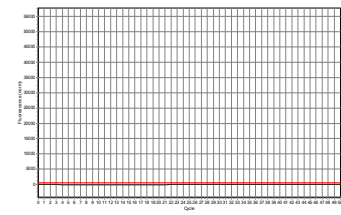
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

34



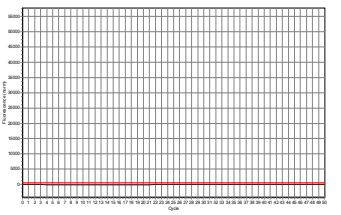
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

35



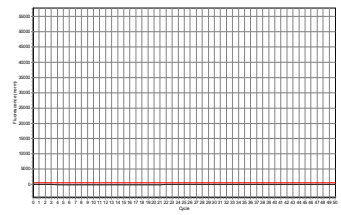
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

36



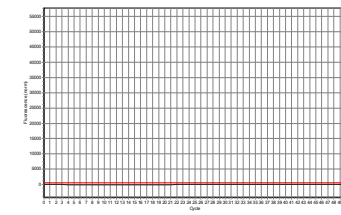
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

37



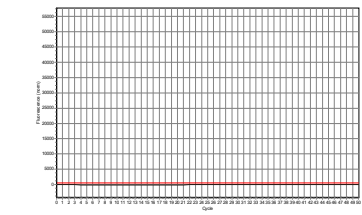
Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

38



Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

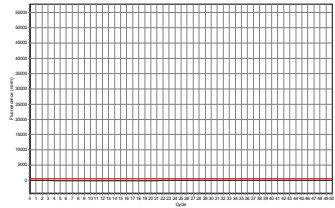
39



Threshold: 487 (None/and)
Baseline settings: automatic, DR correction OFF

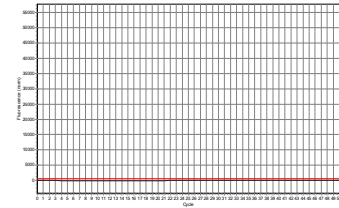
40

TMEM135-CCDC67-PROSTATE-BLOOD SAMPLE 41-60



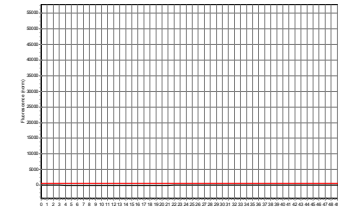
Threshold: 487 (Nonsat)
Baseline settings: automatic, DR correction OFF

41



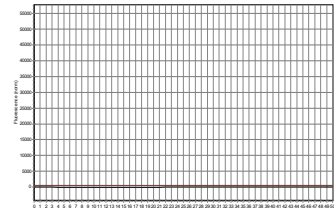
Threshold: 487 (Nonsat)
Baseline settings: automatic, DR correction OFF

42



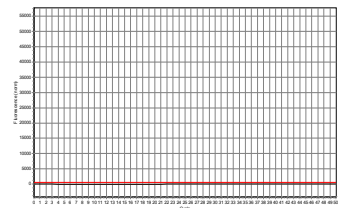
Threshold: 487 (Nonsat)
Baseline settings: automatic, DR correction OFF

43



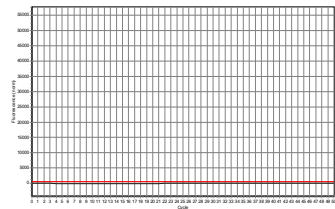
Threshold: 487 (Nonsat)
Baseline settings: automatic, DR correction OFF

44



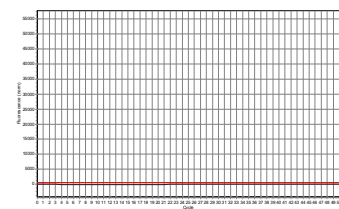
Threshold: 487 (Nonsat)
Baseline settings: automatic, DR correction OFF

45



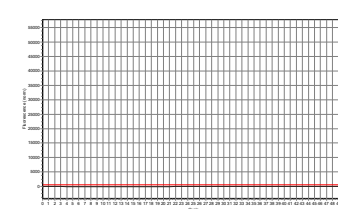
Threshold: 487 (Nonsat)
Baseline settings: automatic, DR correction OFF

46



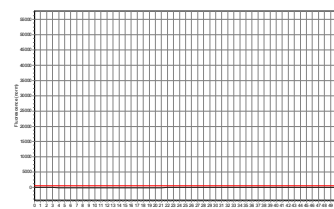
Threshold: 487 (Nonsat)
Baseline settings: automatic, DR correction OFF

47



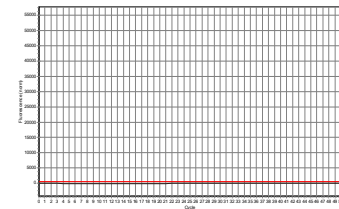
Threshold: 487 (Nonsat)
Baseline settings: automatic, DR correction OFF

47



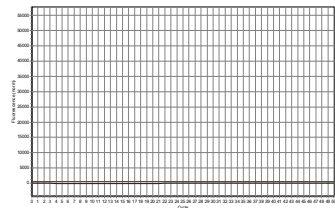
Threshold: 487 (Nonsat)
Baseline settings: automatic, DR correction OFF

49



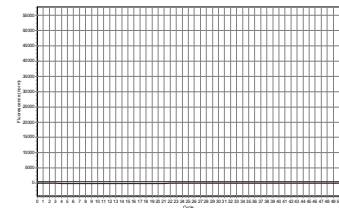
Threshold: 487 (Nonsat)
Baseline settings: automatic, DR correction OFF

50



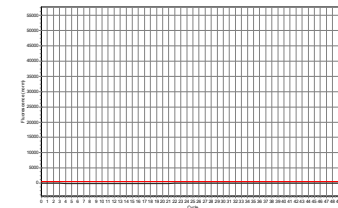
Threshold: 487 (Nonsat)
Baseline settings: automatic, DR correction OFF

51



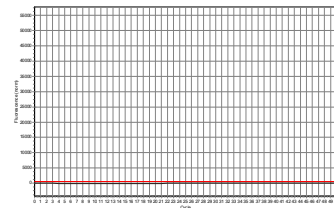
Threshold: 487 (Nonsat)
Baseline settings: automatic, DR correction OFF

52



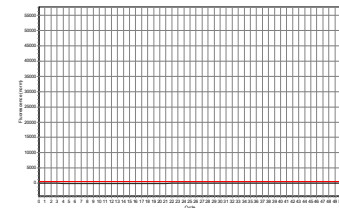
Threshold: 487 (Nonsat)
Baseline settings: automatic, DR correction OFF

53



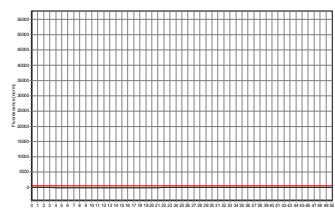
Threshold: 487 (Nonsat)
Baseline settings: automatic, DR correction OFF

54



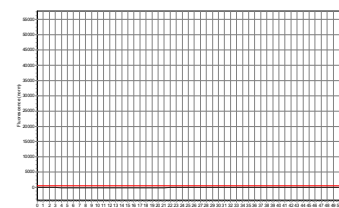
Threshold: 487 (Nonsat)
Baseline settings: automatic, DR correction OFF

55



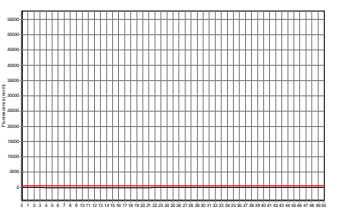
Threshold: 487 (Nonsat)
Baseline settings: automatic, DR correction OFF

56



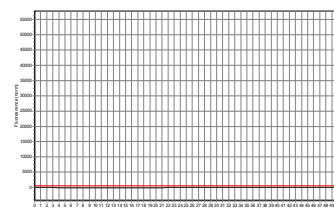
Threshold: 487 (Nonsat)
Baseline settings: automatic, DR correction OFF

57



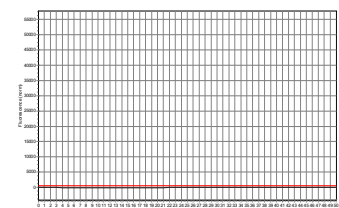
Threshold: 487 (Nonsat)
Baseline settings: automatic, DR correction OFF

58



Threshold: 487 (Nonsat)
Baseline settings: automatic, DR correction OFF

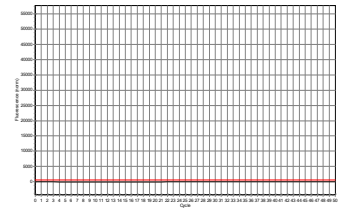
59



Threshold: 487 (Nonsat)
Baseline settings: automatic, DR correction OFF

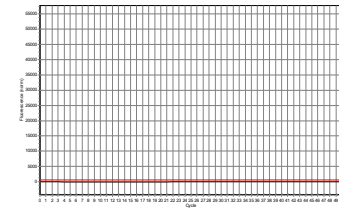
60

TMEM135-CCDC67-PROSTATE-BLOOD SAMPLE 61-80



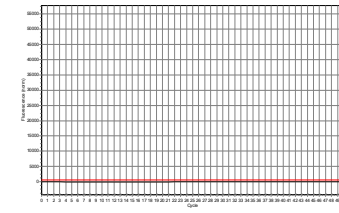
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DR correction OFF

61



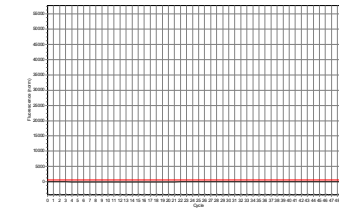
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DR correction OFF

62



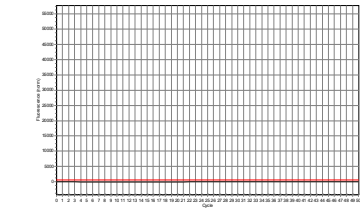
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DR correction OFF

63



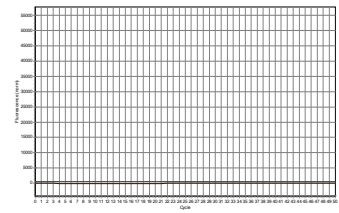
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DR correction OFF

64



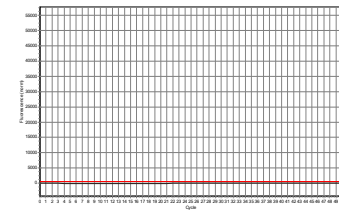
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DR correction OFF

65



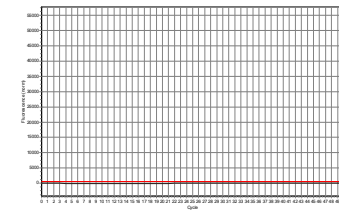
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DR correction OFF

66



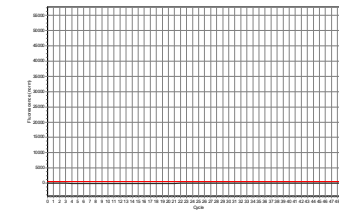
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DR correction OFF

67



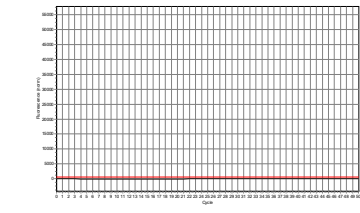
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DR correction OFF

68



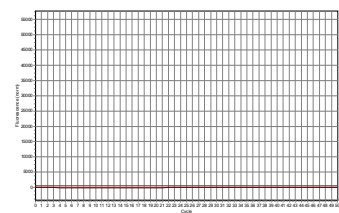
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DR correction OFF

69



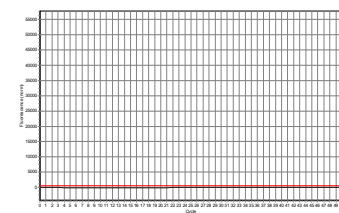
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DR correction OFF

70



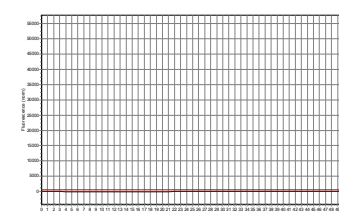
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DR correction OFF

71



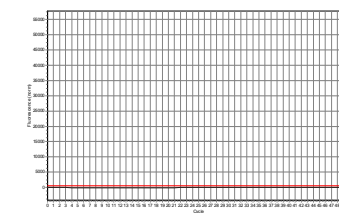
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DR correction OFF

72



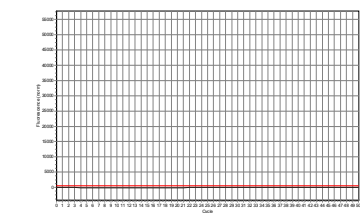
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DR correction OFF

73



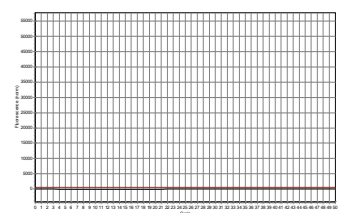
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DR correction OFF

74



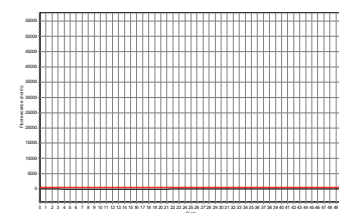
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DR correction OFF

75



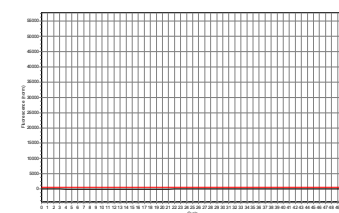
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DR correction OFF

76



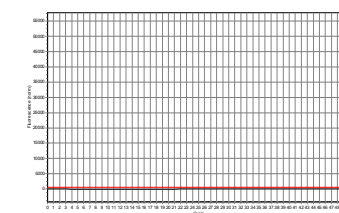
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DR correction OFF

77



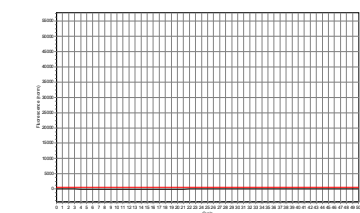
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DR correction OFF

78



Threshold: 487 (Nonstandard)
Baseline settings: automatic, DR correction OFF

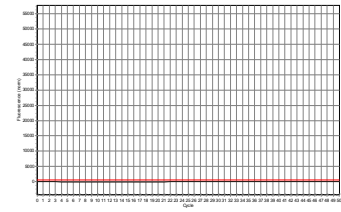
79



Threshold: 487 (Nonstandard)
Baseline settings: automatic, DR correction OFF

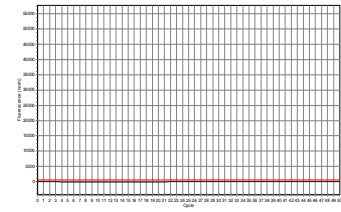
80

TMEM135-CCDC67-PROSTATE-BLOOD SAMPLE 81-100



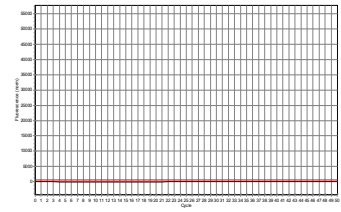
Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction OFF

81



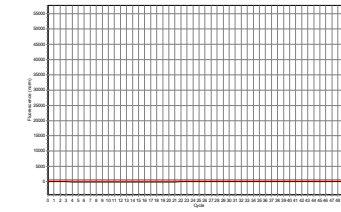
Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction OFF

82



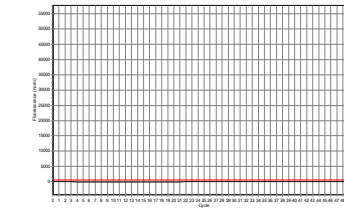
Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction OFF

83



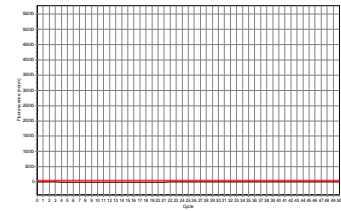
Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction OFF

84



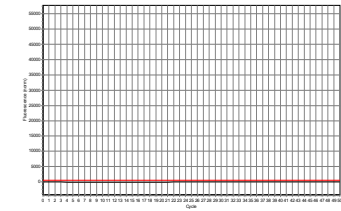
Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction OFF

85



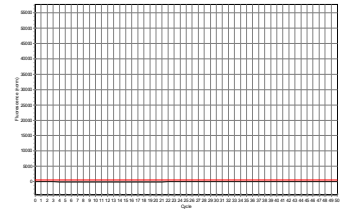
Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction OFF

86



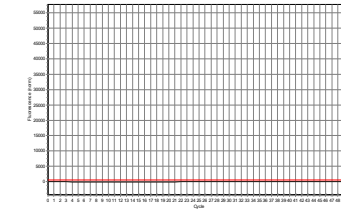
Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction OFF

87



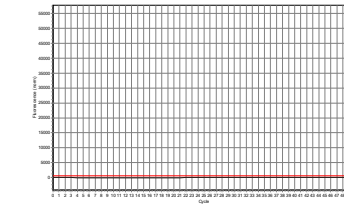
Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction OFF

88



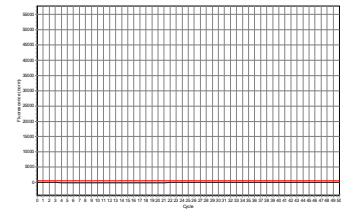
Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction OFF

89



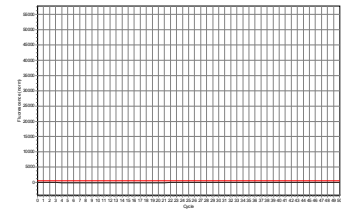
Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction OFF

90



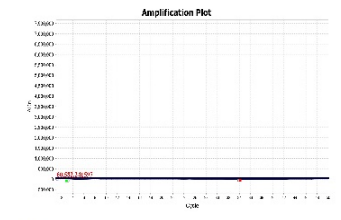
Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction OFF

91



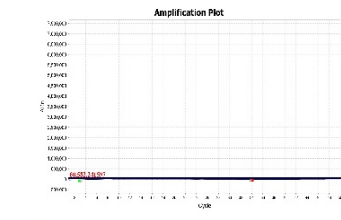
Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction OFF

92



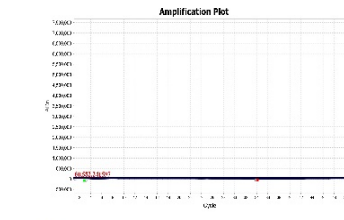
Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction OFF

93



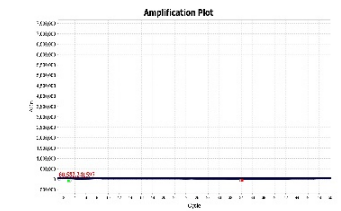
Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction OFF

94



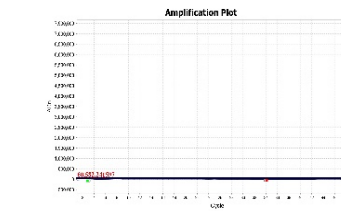
Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction OFF

95



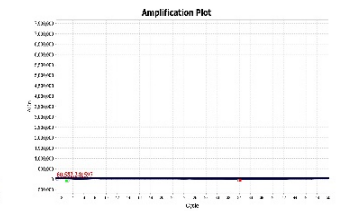
Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction OFF

96



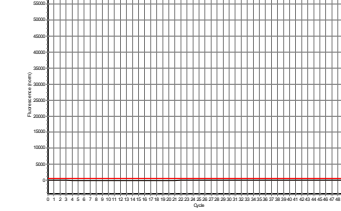
Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction OFF

97



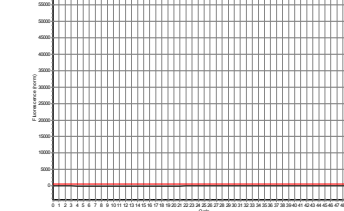
Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction OFF

98



Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction OFF

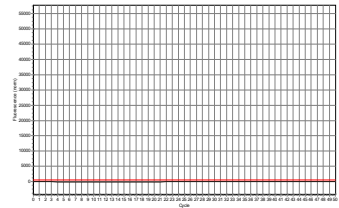
99



Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction OFF

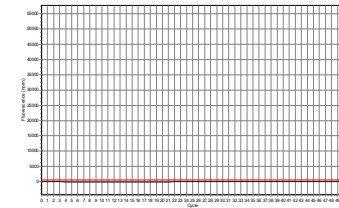
100

TMEM135-CCDC67-PROSTATE-BLOOD SAMPLE 101-120



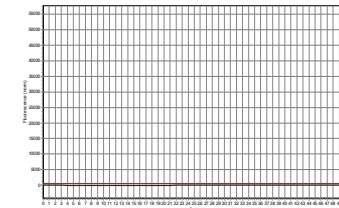
Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction: OFF

101



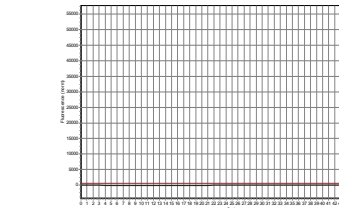
Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction: OFF

102



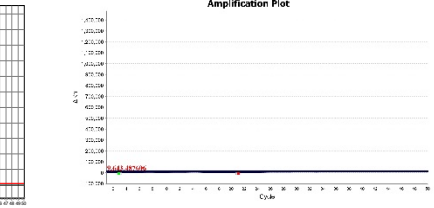
Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction: OFF

103



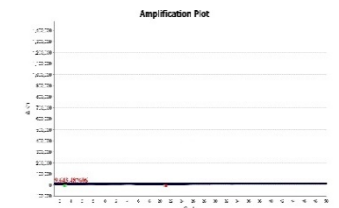
Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction: OFF

104



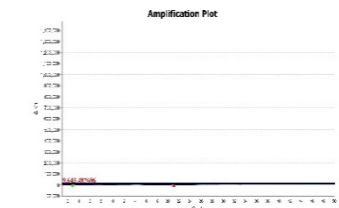
Target 1

105



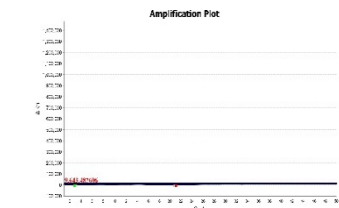
Target 1

106



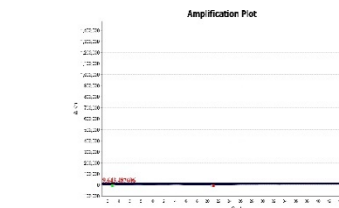
Target 1

107



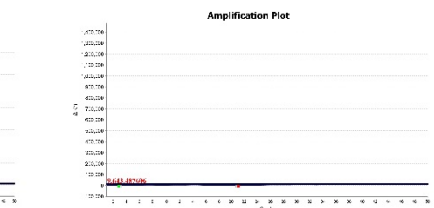
Target 1

108



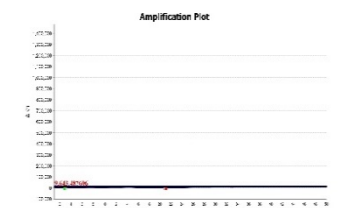
Target 1

109



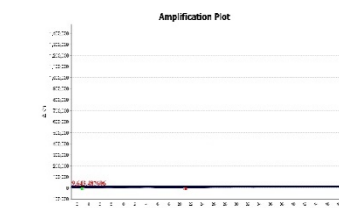
Target 1

110



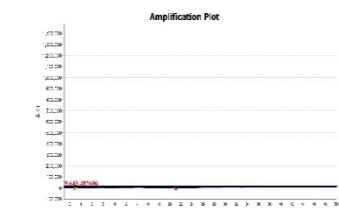
Target 1

111



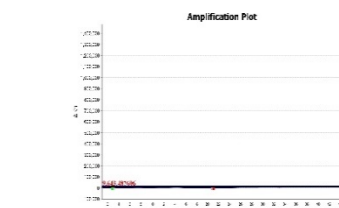
Target 1

111



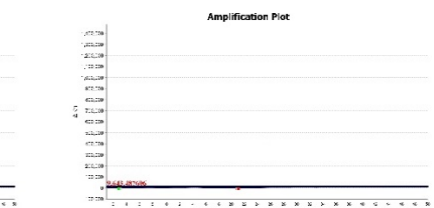
Target 1

113



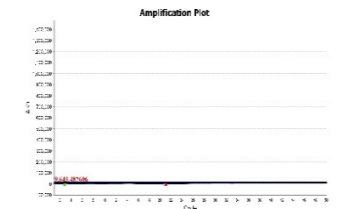
Target 1

114



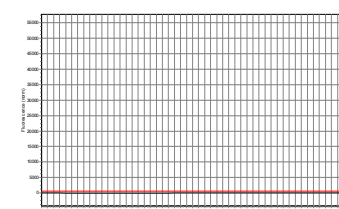
Target 1

115



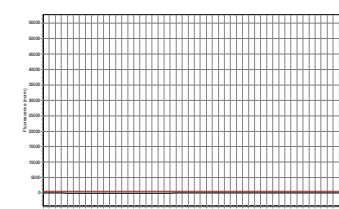
Target 1

116



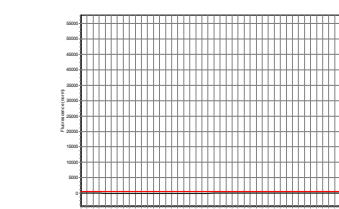
Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction: OFF

117



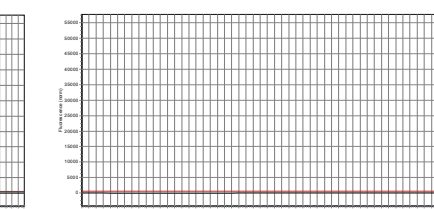
Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction: OFF

118



Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction: OFF

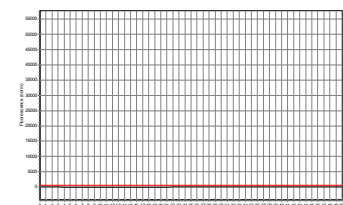
119



Threshold: 487 (Nonstandard)
Baseline settings: automatic, Drift correction: OFF

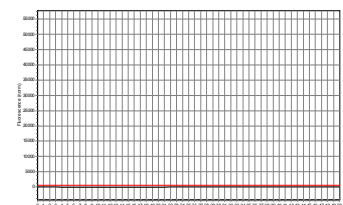
120

TMEM135-CCDC67-PROSTATE-BLOOD SAMPLE 121-140



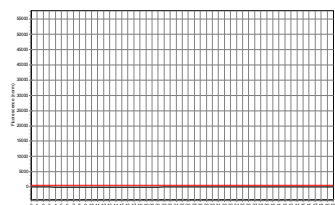
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DRB correction OFF

121



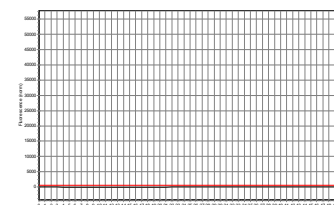
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DRB correction OFF

122



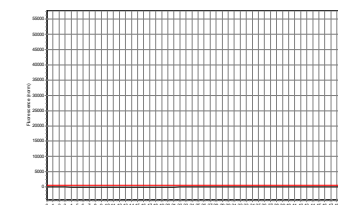
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DRB correction OFF

123



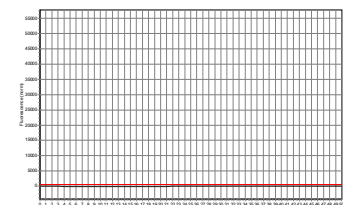
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DRB correction OFF

124



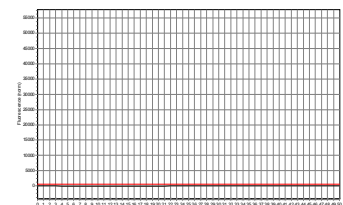
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DRB correction OFF

125



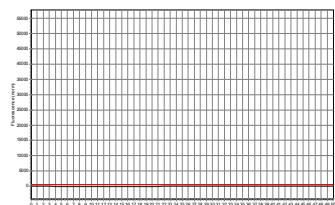
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DRB correction OFF

126



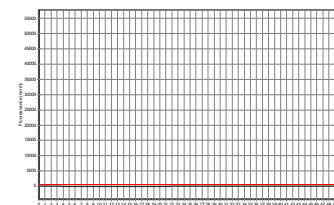
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DRB correction OFF

127



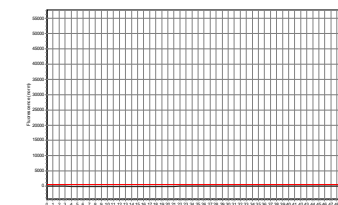
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DRB correction OFF

128



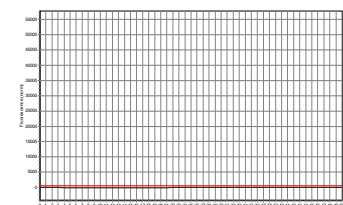
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DRB correction OFF

129



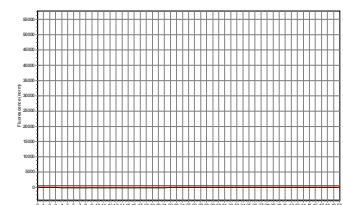
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DRB correction OFF

130



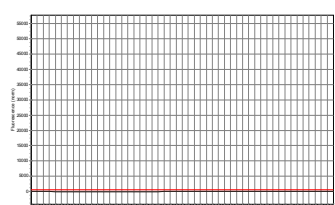
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DRB correction OFF

131



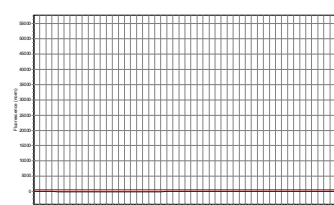
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DRB correction OFF

132



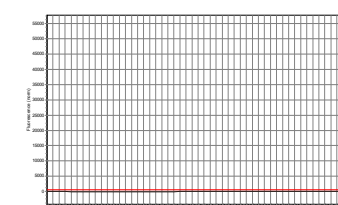
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DRB correction OFF

133



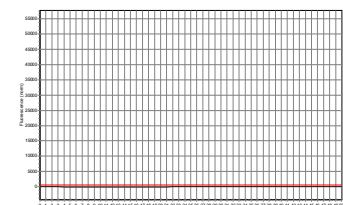
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DRB correction OFF

134



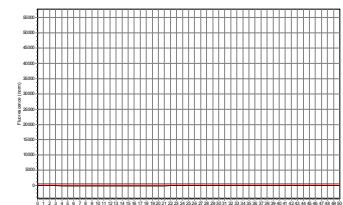
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DRB correction OFF

135



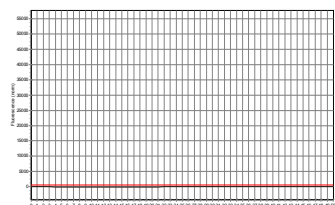
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DRB correction OFF

136



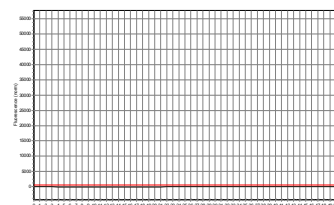
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DRB correction OFF

137



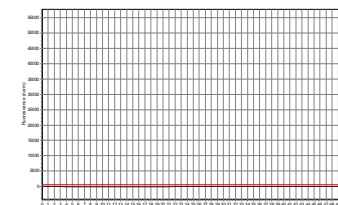
Threshold: 487 (Nonstandard)
Baseline settings: automatic, DRB correction OFF

138



Threshold: 487 (Nonstandard)
Baseline settings: automatic, DRB correction OFF

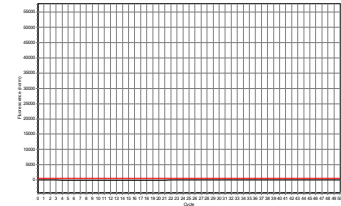
139



Threshold: 487 (Nonstandard)
Baseline settings: automatic, DRB correction OFF

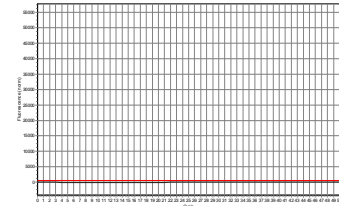
140

TMEM135-CCDC67-PROSTATE-BLOOD SAMPLE 141-150



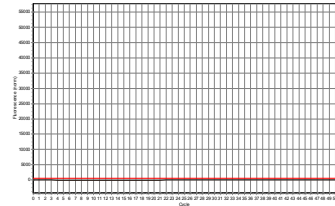
Threshold: 487 (Noisefloor)
Baseline settings: automatic, DRR correction OFF

141



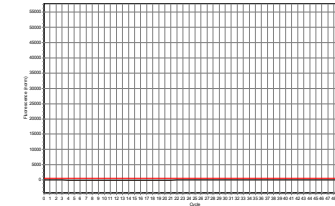
Threshold: 487 (Noisefloor)
Baseline settings: automatic, DRR correction OFF

142



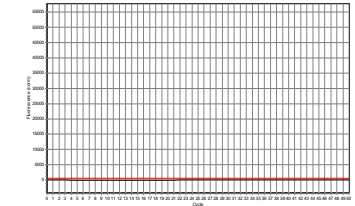
Threshold: 487 (Noisefloor)
Baseline settings: automatic, DRR correction OFF

143



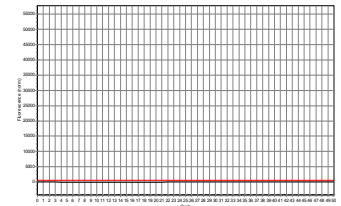
Threshold: 487 (Noisefloor)
Baseline settings: automatic, DRR correction OFF

144



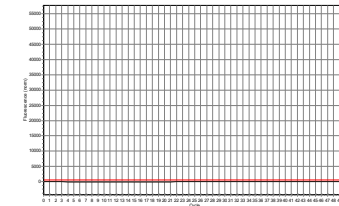
Threshold: 487 (Noisefloor)
Baseline settings: automatic, DRR correction OFF

145



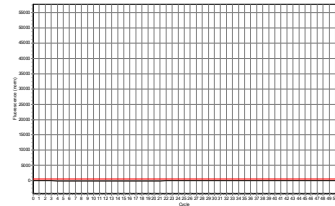
Threshold: 487 (Noisefloor)
Baseline settings: automatic, DRR correction OFF

146



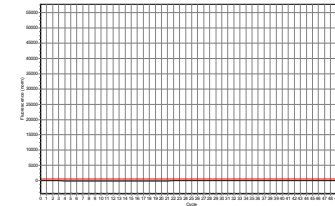
Threshold: 487 (Noisefloor)
Baseline settings: automatic, DRR correction OFF

147



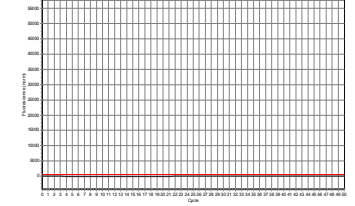
Threshold: 487 (Noisefloor)
Baseline settings: automatic, DRR correction OFF

148



Threshold: 487 (Noisefloor)
Baseline settings: automatic, DRR correction OFF

149

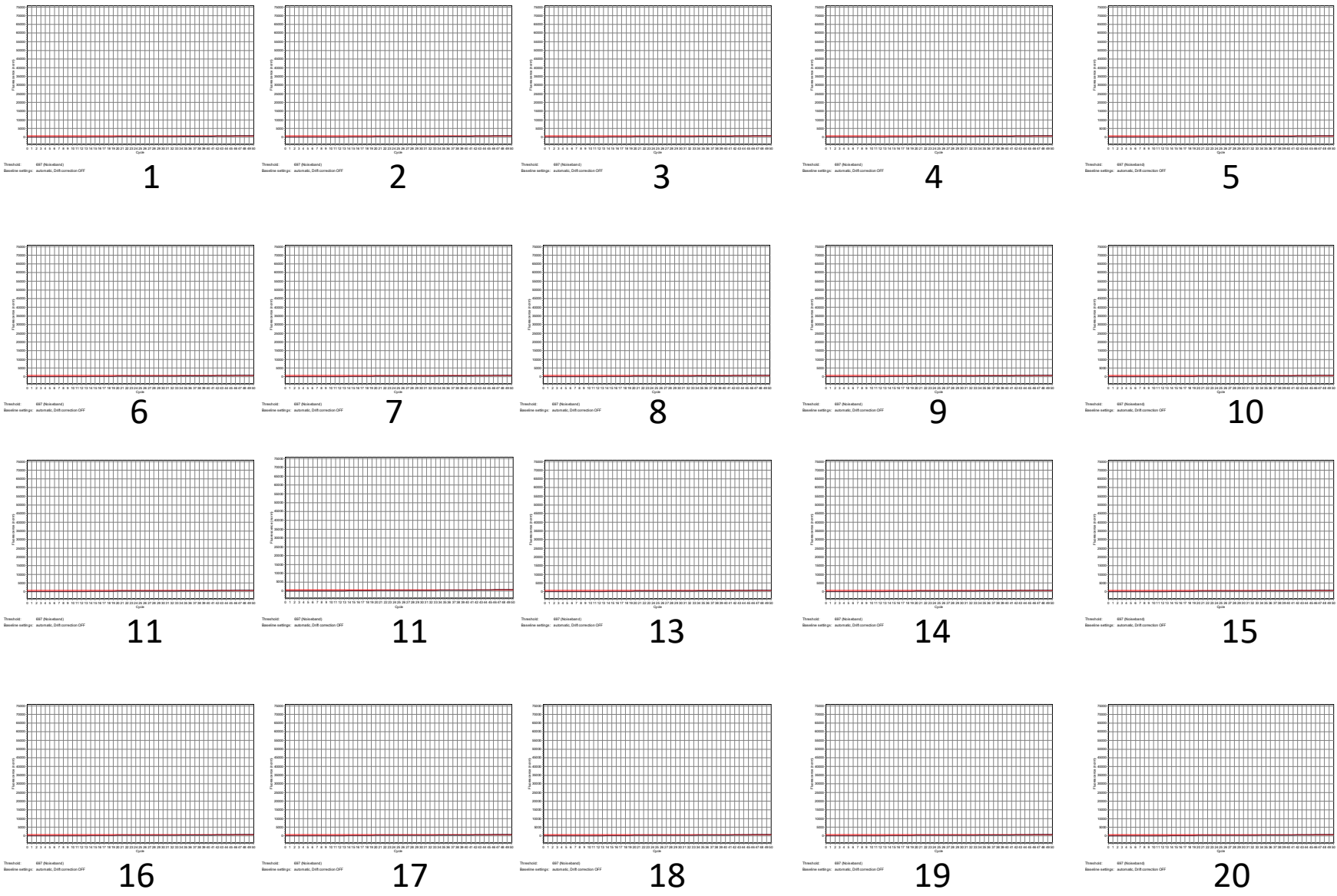


Threshold: 487 (Noisefloor)
Baseline settings: automatic, DRR correction OFF

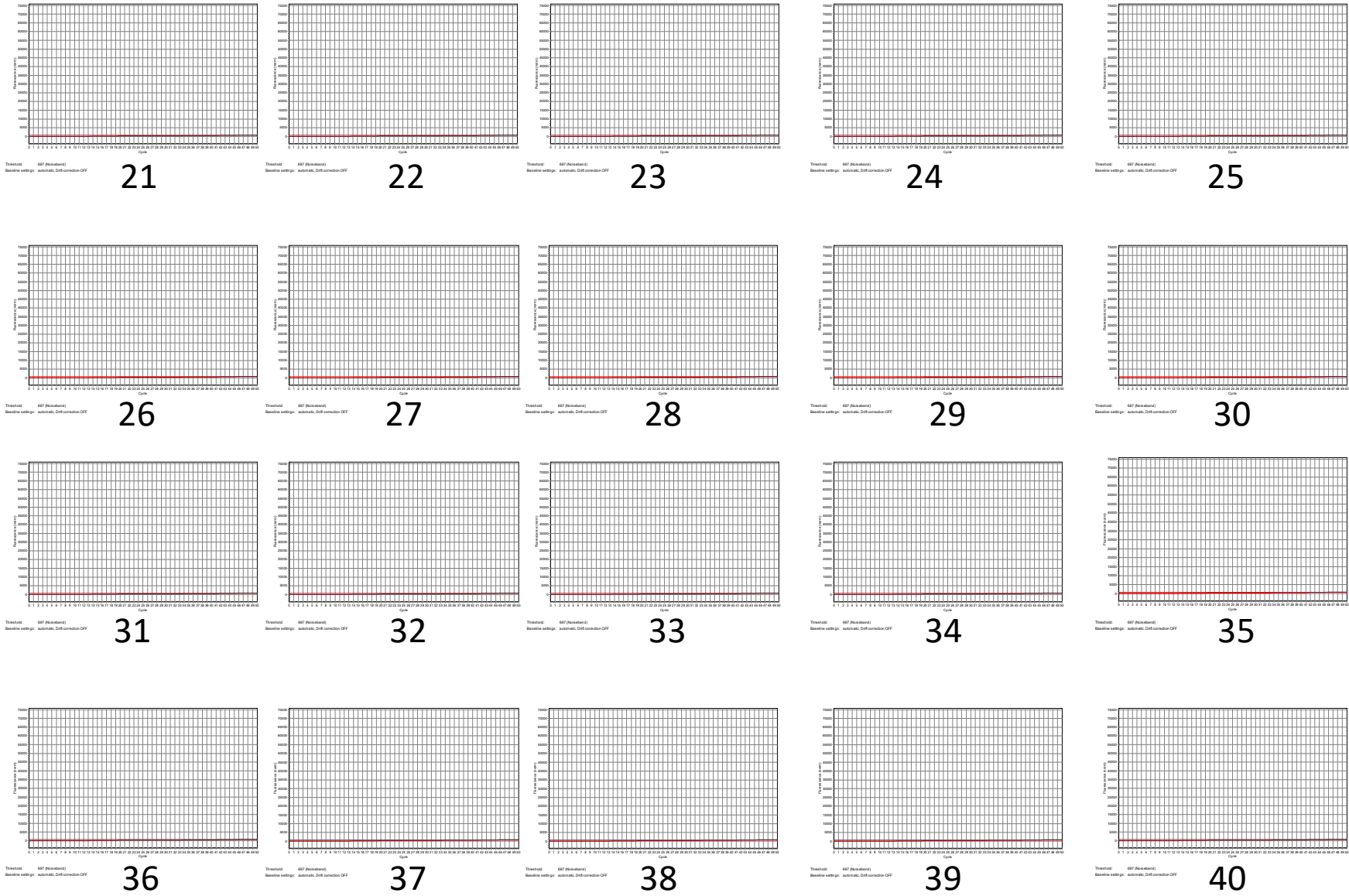
150

Supplemental figure 8

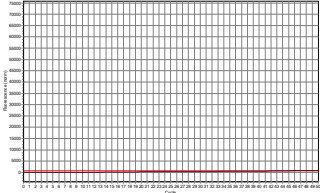
LRRC59-FLJ60017 fusion detection LRRC59-FLJ60017-PROSTATE-BLOOD SAMPLE 1-20



LRR59-FLJ60017-PROSTATE-BLOOD SAMPLE 21-40

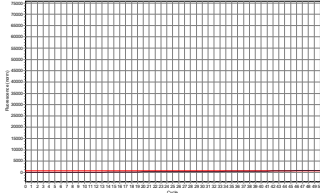


LRRC-PROSTATE-BLOOD SAMPLE 41-60



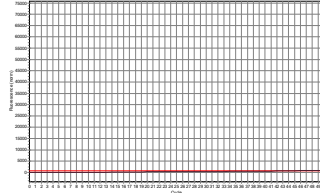
Threshold: 657 (NonMatch)
Baseline settings: automatic, DRR correction OFF

41



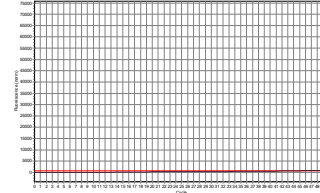
Threshold: 657 (NonMatch)
Baseline settings: automatic, DRR correction OFF

42



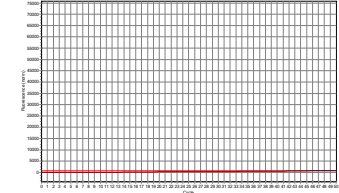
Threshold: 657 (NonMatch)
Baseline settings: automatic, DRR correction OFF

43



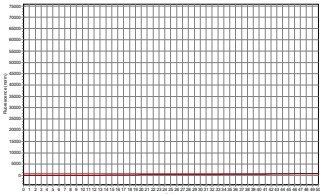
Threshold: 657 (NonMatch)
Baseline settings: automatic, DRR correction OFF

44



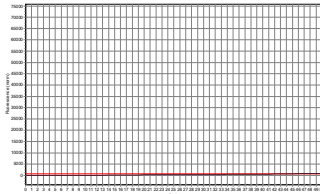
Threshold: 657 (NonMatch)
Baseline settings: automatic, DRR correction OFF

45



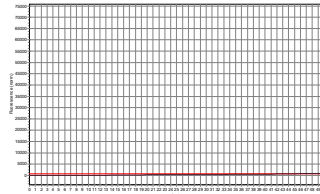
Threshold: 657 (NonMatch)
Baseline settings: automatic, DRR correction OFF

46



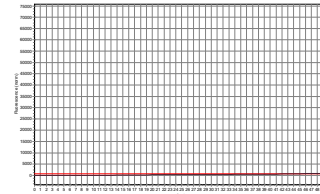
Threshold: 657 (NonMatch)
Baseline settings: automatic, DRR correction OFF

47



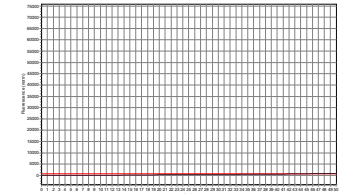
Threshold: 657 (NonMatch)
Baseline settings: automatic, DRR correction OFF

47



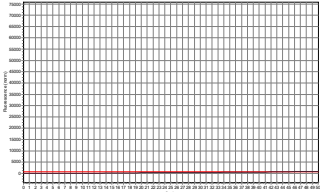
Threshold: 657 (NonMatch)
Baseline settings: automatic, DRR correction OFF

49



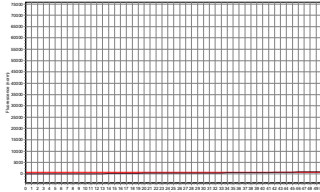
Threshold: 657 (NonMatch)
Baseline settings: automatic, DRR correction OFF

50



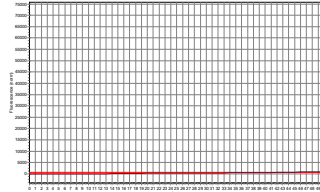
Threshold: 657 (NonMatch)
Baseline settings: automatic, DRR correction OFF

51



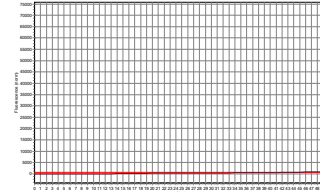
Threshold: 657 (NonMatch)
Baseline settings: automatic, DRR correction OFF

52



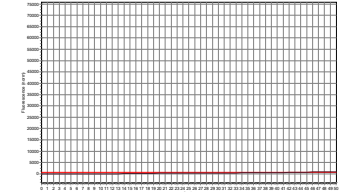
Threshold: 657 (NonMatch)
Baseline settings: automatic, DRR correction OFF

53



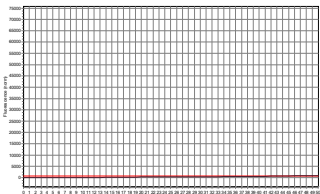
Threshold: 657 (NonMatch)
Baseline settings: automatic, DRR correction OFF

54



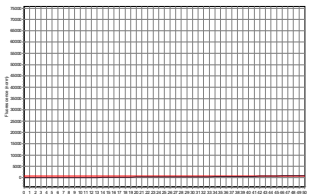
Threshold: 657 (NonMatch)
Baseline settings: automatic, DRR correction OFF

55



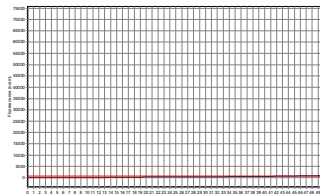
Threshold: 657 (NonMatch)
Baseline settings: automatic, DRR correction OFF

56



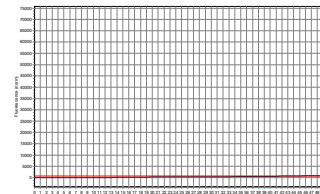
Threshold: 657 (NonMatch)
Baseline settings: automatic, DRR correction OFF

57



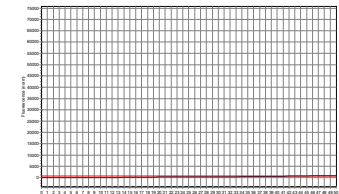
Threshold: 657 (NonMatch)
Baseline settings: automatic, DRR correction OFF

58



Threshold: 657 (NonMatch)
Baseline settings: automatic, DRR correction OFF

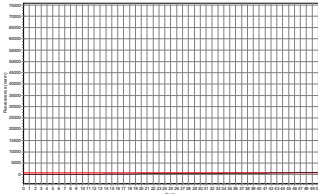
59



Threshold: 657 (NonMatch)
Baseline settings: automatic, DRR correction OFF

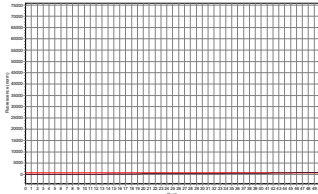
60

LRRC-PROSTATE-BLOOD SAMPLE 61-80



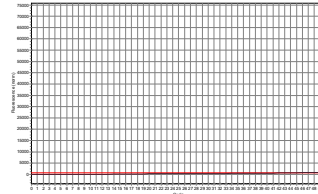
Threshold: 637 (Non-zero)
Baseline settings: automatic, DR correction OFF

61



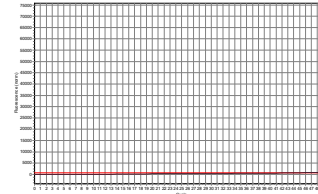
Threshold: 637 (Non-zero)
Baseline settings: automatic, DR correction OFF

62



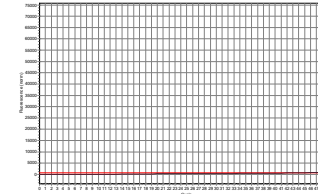
Threshold: 637 (Non-zero)
Baseline settings: automatic, DR correction OFF

63



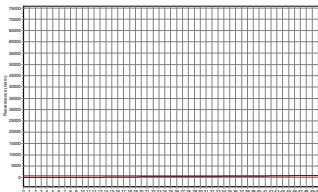
Threshold: 637 (Non-zero)
Baseline settings: automatic, DR correction OFF

64



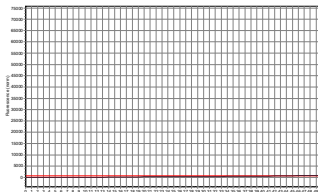
Threshold: 637 (Non-zero)
Baseline settings: automatic, DR correction OFF

65



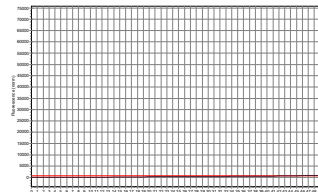
Threshold: 637 (Non-zero)
Baseline settings: automatic, DR correction OFF

66



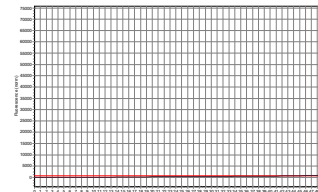
Threshold: 637 (Non-zero)
Baseline settings: automatic, DR correction OFF

67



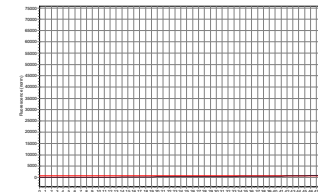
Threshold: 637 (Non-zero)
Baseline settings: automatic, DR correction OFF

68



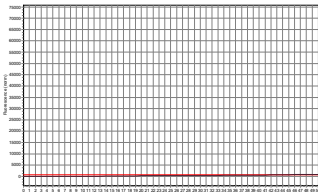
Threshold: 637 (Non-zero)
Baseline settings: automatic, DR correction OFF

69



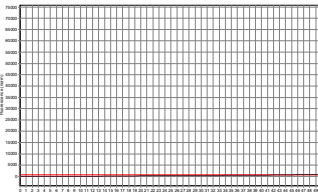
Threshold: 637 (Non-zero)
Baseline settings: automatic, DR correction OFF

70



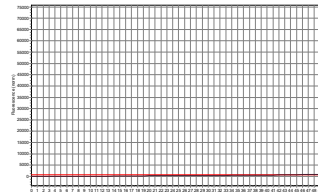
Threshold: 637 (Non-zero)
Baseline settings: automatic, DR correction OFF

71



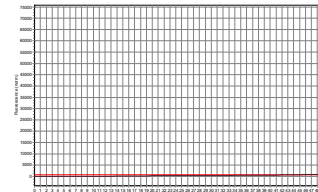
Threshold: 637 (Non-zero)
Baseline settings: automatic, DR correction OFF

72



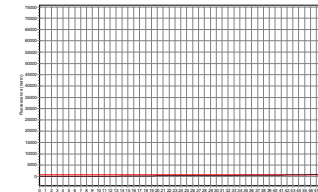
Threshold: 637 (Non-zero)
Baseline settings: automatic, DR correction OFF

73



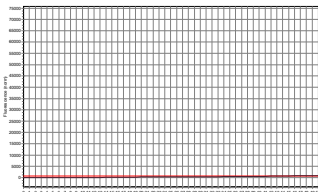
Threshold: 637 (Non-zero)
Baseline settings: automatic, DR correction OFF

74



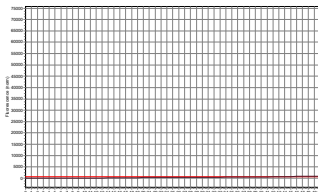
Threshold: 637 (Non-zero)
Baseline settings: automatic, DR correction OFF

75



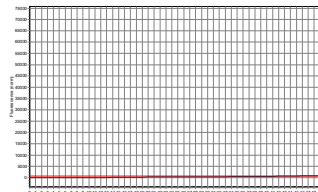
Threshold: 637 (Non-zero)
Baseline settings: automatic, DR correction OFF

76



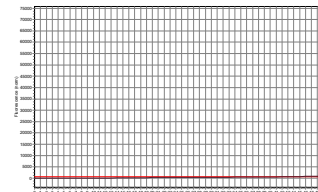
Threshold: 637 (Non-zero)
Baseline settings: automatic, DR correction OFF

77



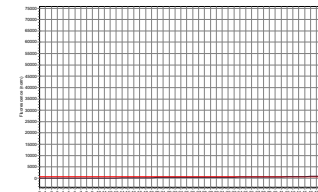
Threshold: 637 (Non-zero)
Baseline settings: automatic, DR correction OFF

78



Threshold: 637 (Non-zero)
Baseline settings: automatic, DR correction OFF

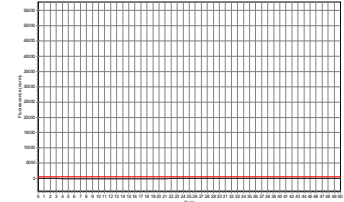
79



Threshold: 637 (Non-zero)
Baseline settings: automatic, DR correction OFF

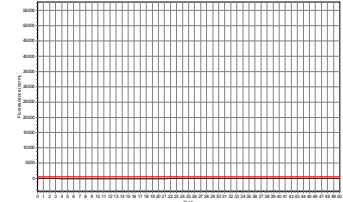
80

LRRC-PROSTATE-BLOOD SAMPLE 81-100



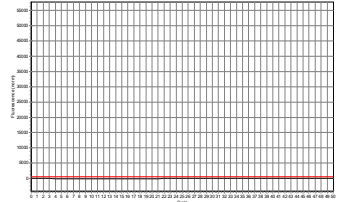
Threshold: 487 (Noisiband)
Baseline settings: automatic, DRR correction OFF

81



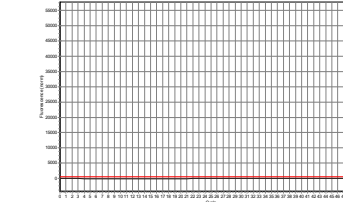
Threshold: 487 (Noisiband)
Baseline settings: automatic, DRR correction OFF

82



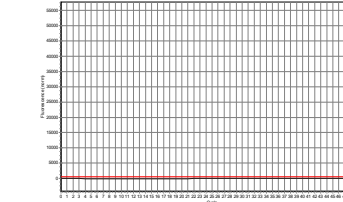
Threshold: 487 (Noisiband)
Baseline settings: automatic, DRR correction OFF

83



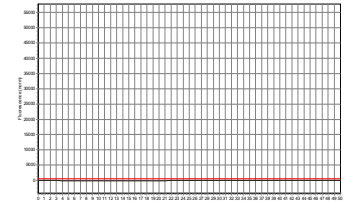
Threshold: 487 (Noisiband)
Baseline settings: automatic, DRR correction OFF

84



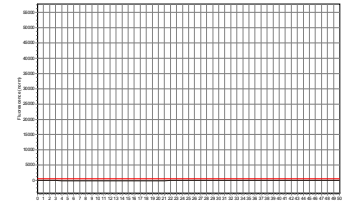
Threshold: 487 (Noisiband)
Baseline settings: automatic, DRR correction OFF

85



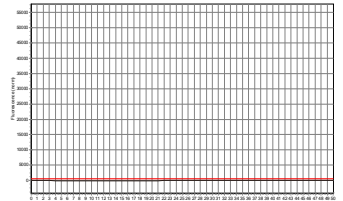
Threshold: 487 (Noisiband)
Baseline settings: automatic, DRR correction OFF

86



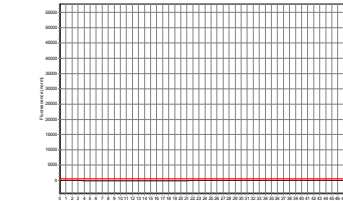
Threshold: 487 (Noisiband)
Baseline settings: automatic, DRR correction OFF

87



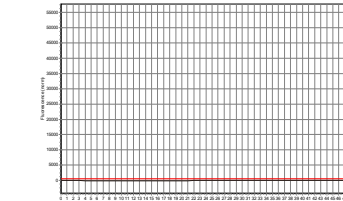
Threshold: 487 (Noisiband)
Baseline settings: automatic, DRR correction OFF

88



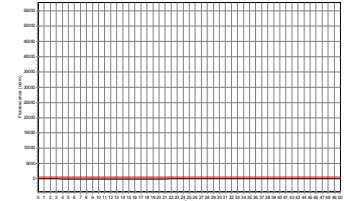
Threshold: 487 (Noisiband)
Baseline settings: automatic, DRR correction OFF

89



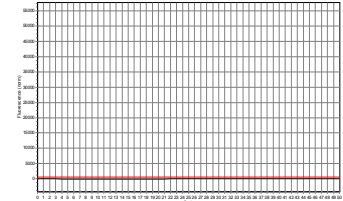
Threshold: 487 (Noisiband)
Baseline settings: automatic, DRR correction OFF

90



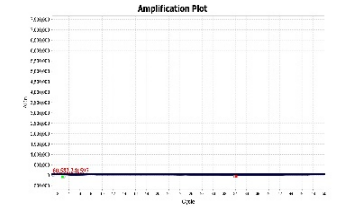
Threshold: 487 (Noisiband)
Baseline settings: automatic, DRR correction OFF

91

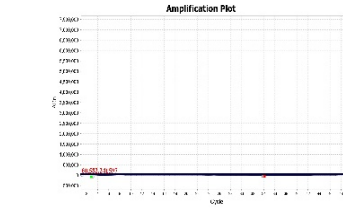


Threshold: 487 (Noisiband)
Baseline settings: automatic, DRR correction OFF

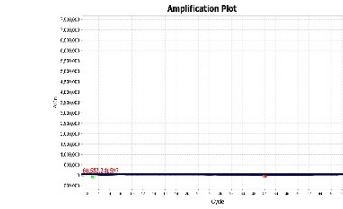
92



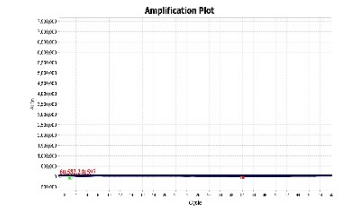
93



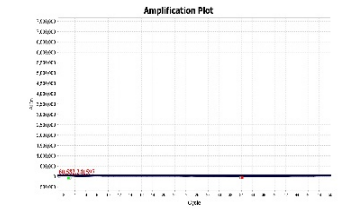
94



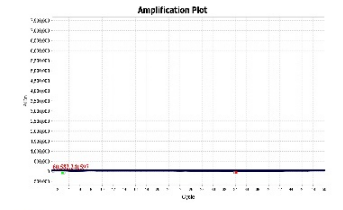
95



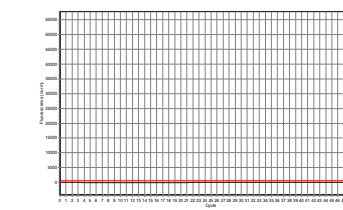
96



97

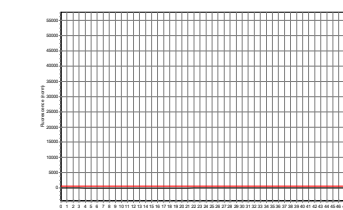


98



Threshold: 487 (Noisiband)
Baseline settings: automatic, DRR correction OFF

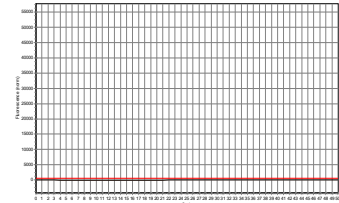
99



Threshold: 487 (Noisiband)
Baseline settings: automatic, DRR correction OFF

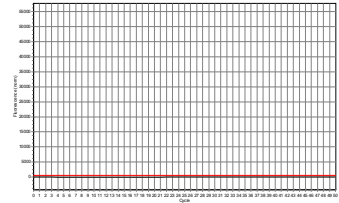
100

LRRC-PROSTATE-BLOOD SAMPLE 101-120



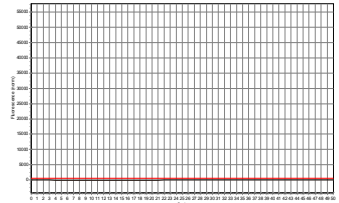
Threshold: 487 (Noiseland)
Baseline settings: automatic, Drift correction: OFF

101



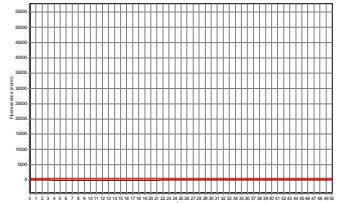
Threshold: 487 (Noiseland)
Baseline settings: automatic, Drift correction: OFF

102



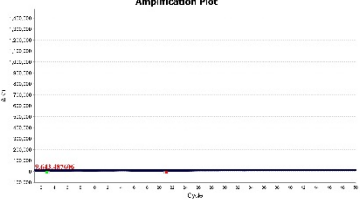
Threshold: 487 (Noiseland)
Baseline settings: automatic, Drift correction: OFF

103



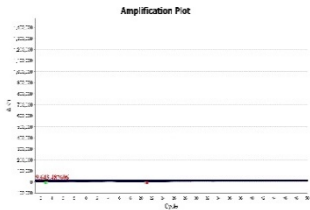
Threshold: 487 (Noiseland)
Baseline settings: automatic, Drift correction: OFF

104



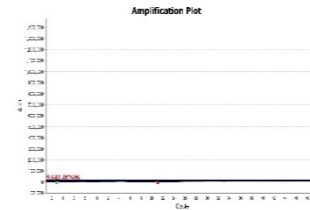
Threshold: 487 (Noiseland)
Baseline settings: automatic, Drift correction: OFF

105



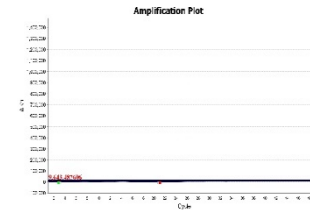
Target 1

106



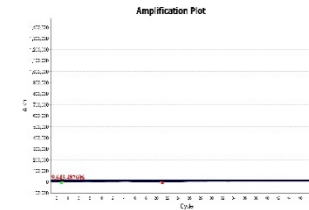
Target 1

107



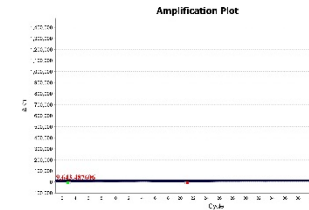
Target 1

108



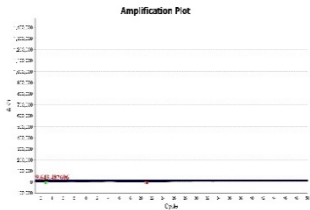
Target 1

109



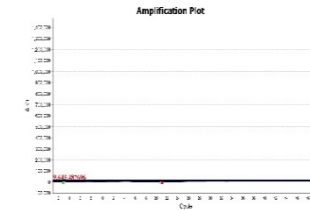
Target 1

110



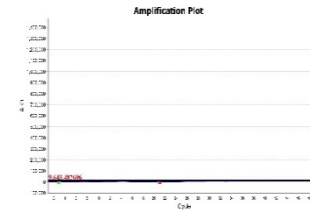
Target 1

111



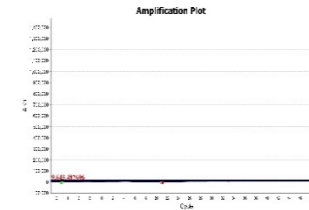
Target 1

112



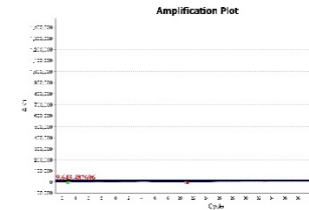
Target 1

113



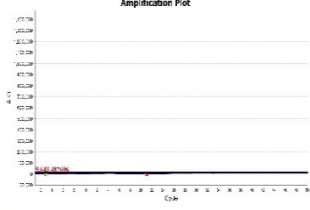
Target 1

114



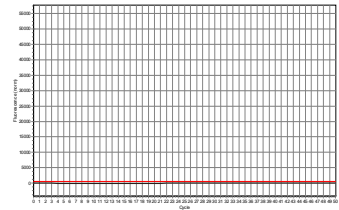
Target 1

115



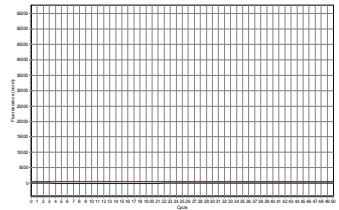
Target 1

116



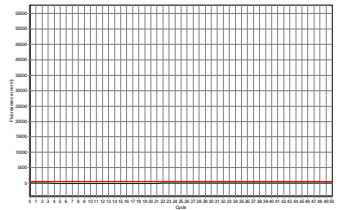
Threshold: 487 (Noiseland)
Baseline settings: automatic, Drift correction: OFF

117



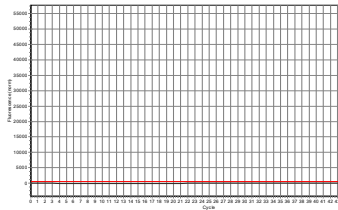
Threshold: 487 (Noiseland)
Baseline settings: automatic, Drift correction: OFF

118



Threshold: 487 (Noiseland)
Baseline settings: automatic, Drift correction: OFF

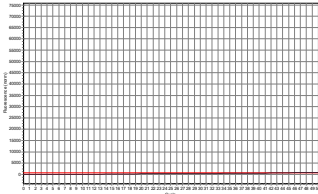
119



Threshold: 487 (Noiseland)
Baseline settings: automatic, Drift correction: OFF

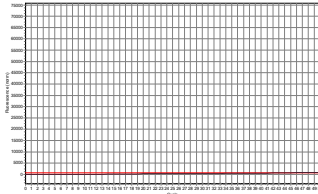
120

LRRC-PROSTATE-BLOOD SAMPLE 141-150



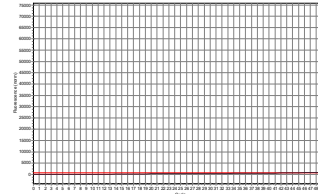
Threshold: 657 (Normal)
Baseline settings: automatic, DRR correction OFF

141



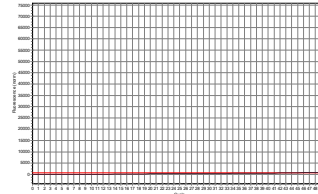
Threshold: 657 (Normal)
Baseline settings: automatic, DRR correction OFF

142



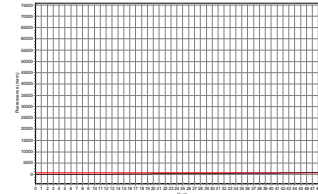
Threshold: 657 (Normal)
Baseline settings: automatic, DRR correction OFF

143



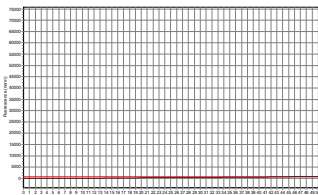
Threshold: 657 (Normal)
Baseline settings: automatic, DRR correction OFF

144



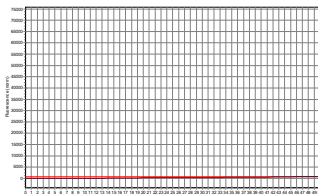
Threshold: 657 (Normal)
Baseline settings: automatic, DRR correction OFF

145



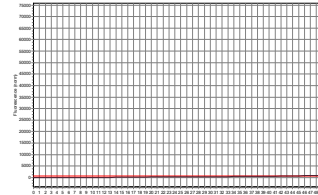
Threshold: 657 (Normal)
Baseline settings: automatic, DRR correction OFF

146



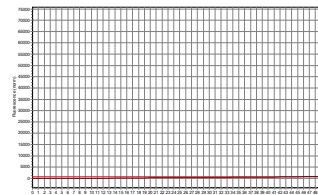
Threshold: 657 (Normal)
Baseline settings: automatic, DRR correction OFF

147



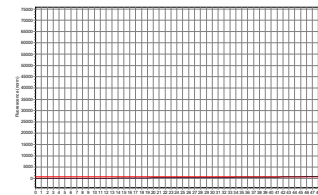
Threshold: 657 (Normal)
Baseline settings: automatic, DRR correction OFF

148



Threshold: 657 (Normal)
Baseline settings: automatic, DRR correction OFF

149

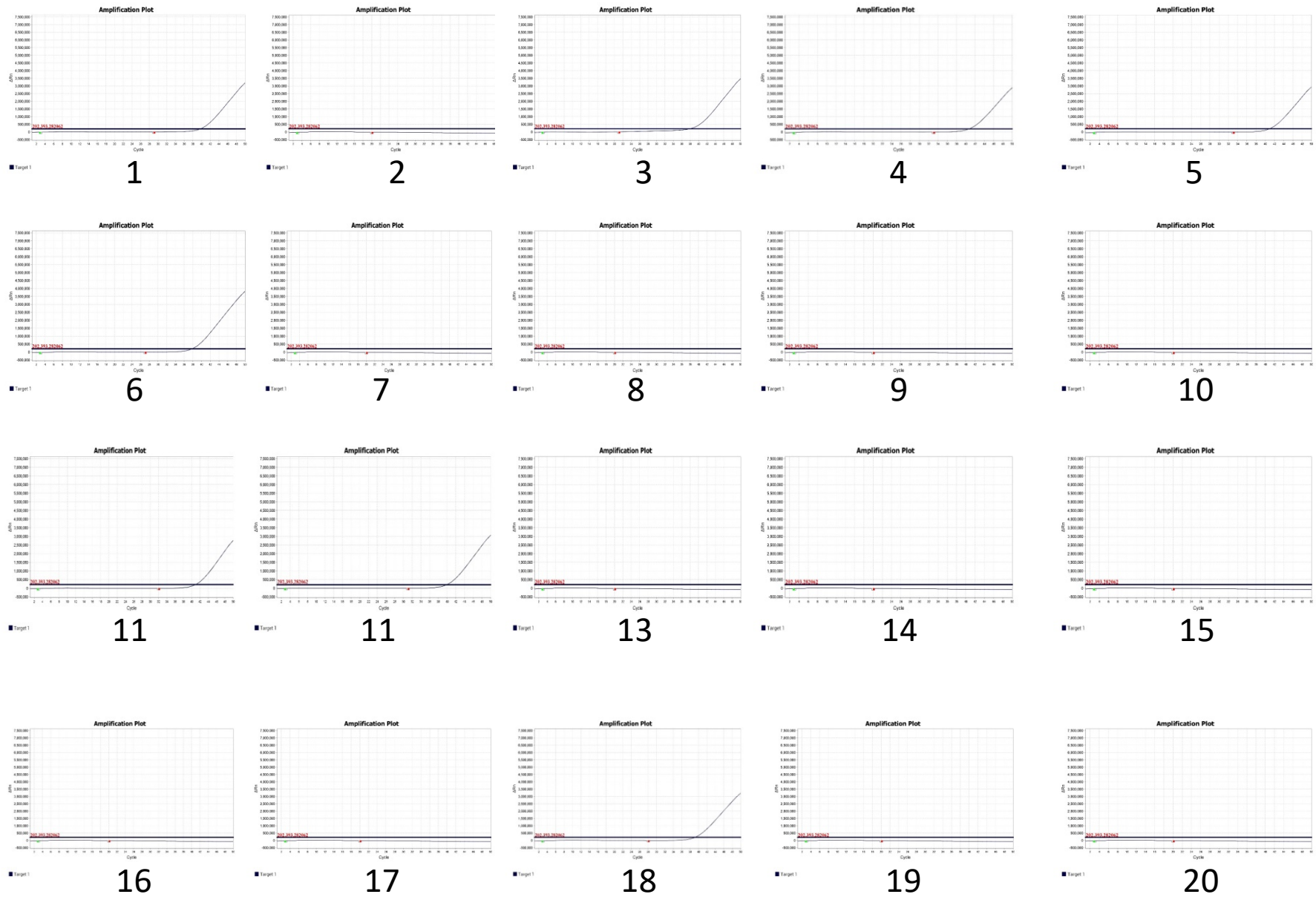


Threshold: 657 (Normal)
Baseline settings: automatic, DRR correction OFF

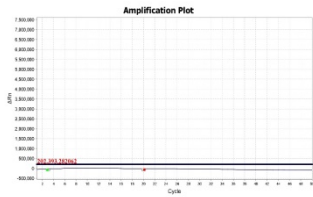
150

Supplemental figure 9

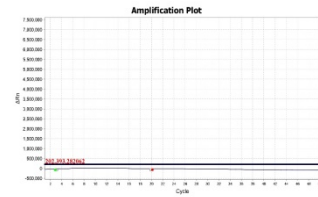
Pten-NOLC1 fusion detection Pten-NOLC1-PROSTATE-BLOOD SAMPLE 1-20



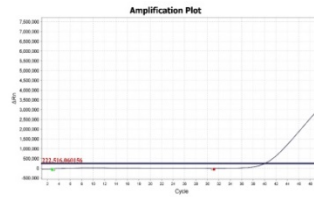
Pten-NOLC1-PROSTATE-BLOOD SAMPLE 21-40



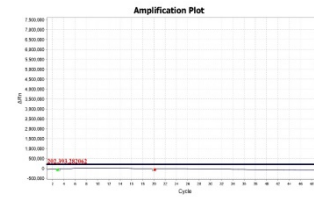
Target 1
21



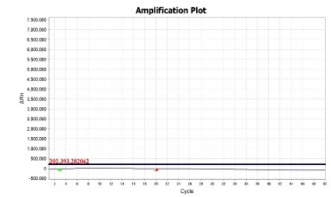
Target 1
22



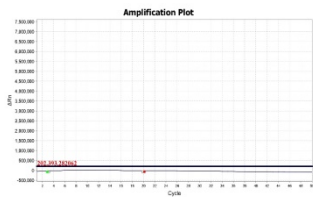
Target 1
23



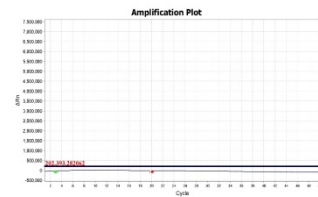
Target 1
24



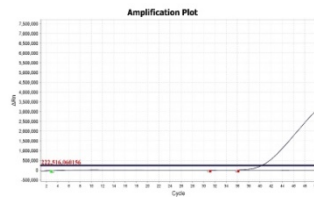
Target 1
25



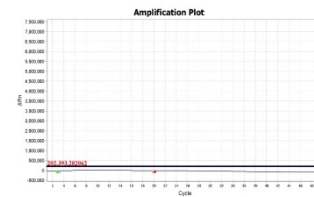
Target 1
26



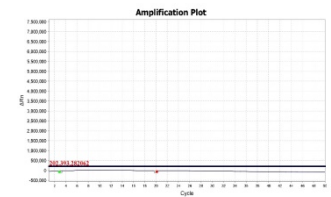
Target 1
27



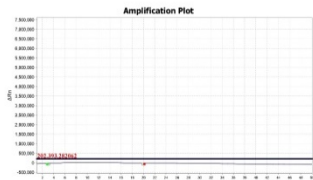
Target 1
28



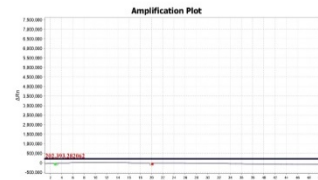
Target 1
29



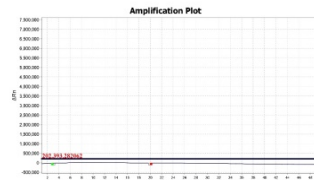
Target 1
30



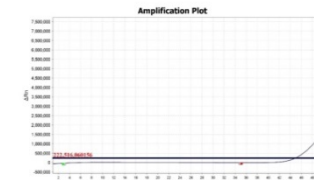
Target 1
31



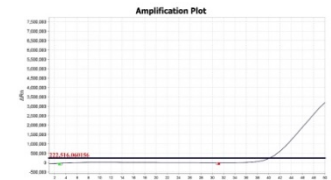
Target 1
32



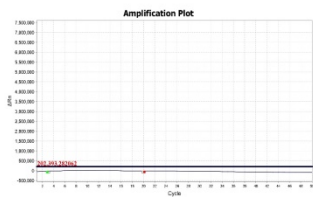
Target 1
33



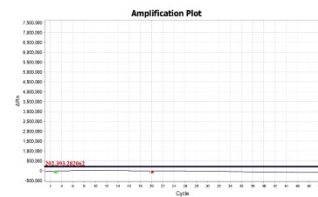
Target 1
34



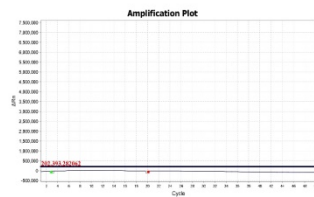
Target 1
35



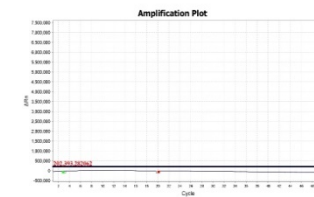
Target 1
36



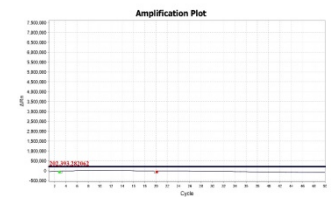
Target 1
37



Target 1
38

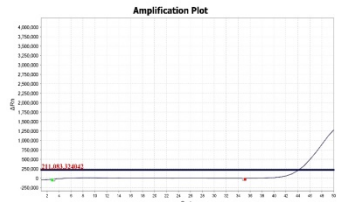


Target 1
39

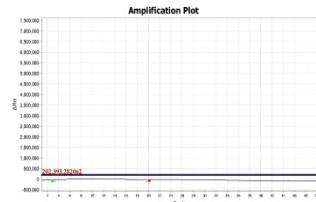


Target 1
40

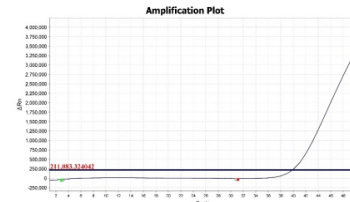
Pten-NOLC1-PROSTATE-BLOOD SAMPLE 141-150



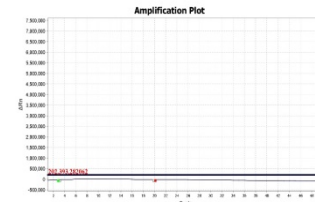
141



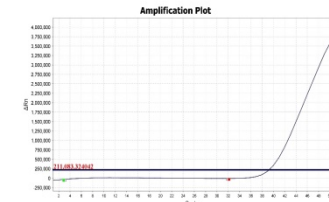
142



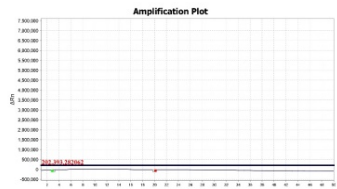
143



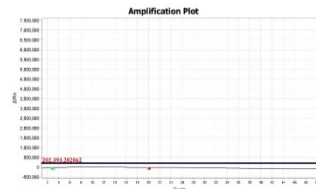
144



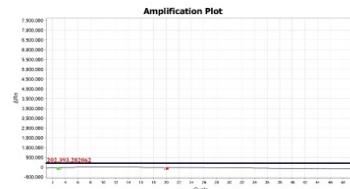
145



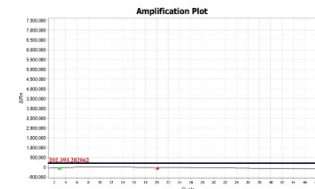
146



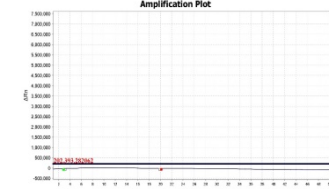
147



148



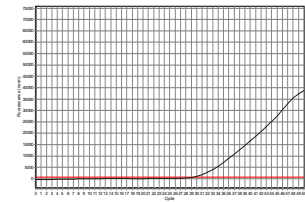
149



150

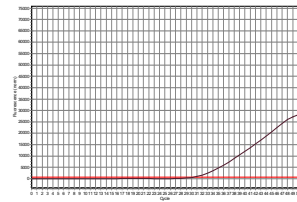
Supplemental figure 10

β -ACTIN-PROSTATE-BLOOD SAMPLE 1-20



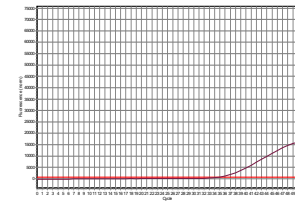
Threshold: 607 (Position: 1)
Baseline settings: automatic, DR correction: OFF

1



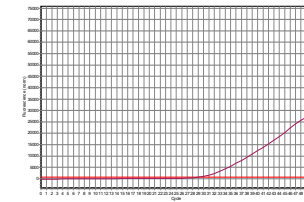
Threshold: 607 (Position: 1)
Baseline settings: automatic, DR correction: OFF

2



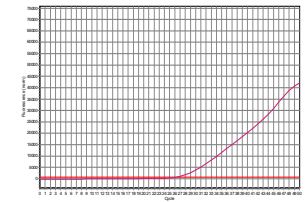
Threshold: 607 (Position: 1)
Baseline settings: automatic, DR correction: OFF

3



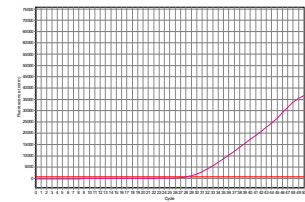
Threshold: 607 (Position: 1)
Baseline settings: automatic, DR correction: OFF

4



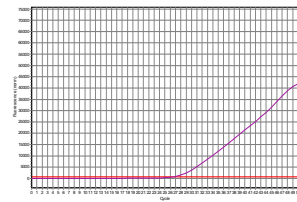
Threshold: 607 (Position: 1)
Baseline settings: automatic, DR correction: OFF

5



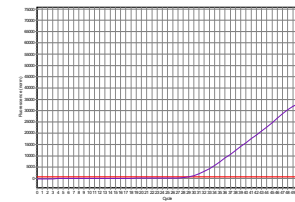
Threshold: 607 (Position: 1)
Baseline settings: automatic, DR correction: OFF

6



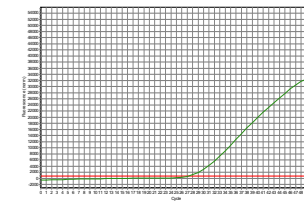
Threshold: 607 (Position: 1)
Baseline settings: automatic, DR correction: OFF

7



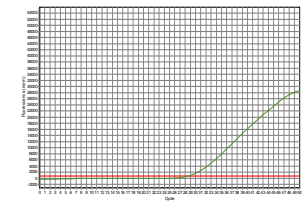
Threshold: 607 (Position: 1)
Baseline settings: automatic, DR correction: OFF

8



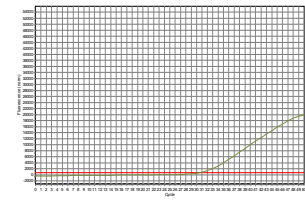
Threshold: 702 (Position: 1)
Baseline settings: automatic, DR correction: OFF

9



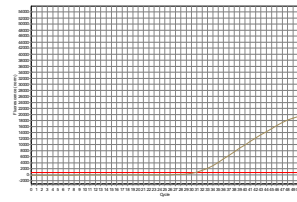
Threshold: 702 (Position: 1)
Baseline settings: automatic, DR correction: OFF

10



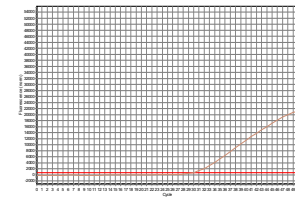
Threshold: 702 (Position: 1)
Baseline settings: automatic, DR correction: OFF

11



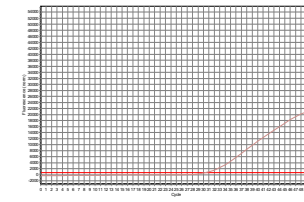
Threshold: 702 (Position: 1)
Baseline settings: automatic, DR correction: OFF

11



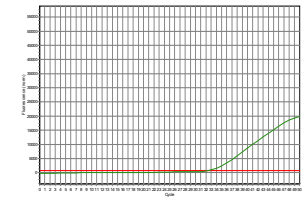
Threshold: 702 (Position: 1)
Baseline settings: automatic, DR correction: OFF

13



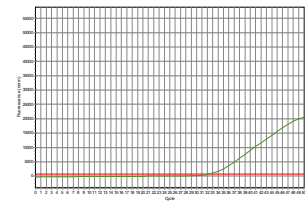
Threshold: 702 (Position: 1)
Baseline settings: automatic, DR correction: OFF

14



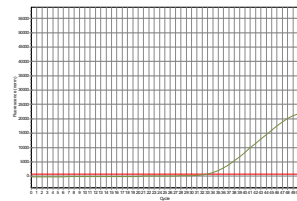
Threshold: 508 (Position: 1)
Baseline settings: automatic, DR correction: OFF

15



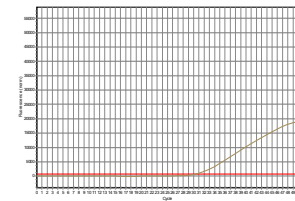
Threshold: 508 (Position: 1)
Baseline settings: automatic, DR correction: OFF

16



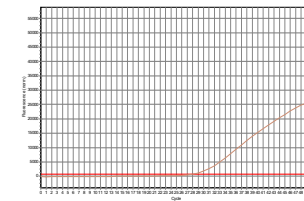
Threshold: 508 (Position: 1)
Baseline settings: automatic, DR correction: OFF

17



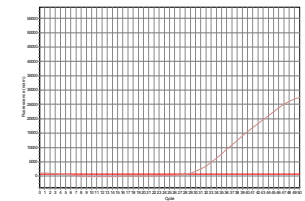
Threshold: 508 (Position: 1)
Baseline settings: automatic, DR correction: OFF

18



Threshold: 508 (Position: 1)
Baseline settings: automatic, DR correction: OFF

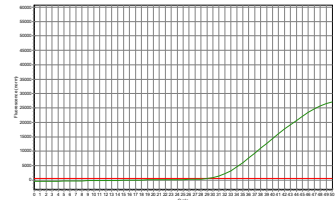
19



Threshold: 508 (Position: 1)
Baseline settings: automatic, DR correction: OFF

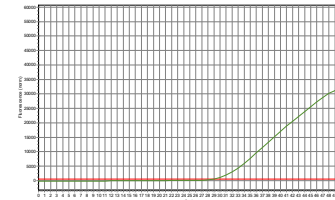
20

β-ACTIN-PROSTATE-BLOOD SAMPLE 21-40



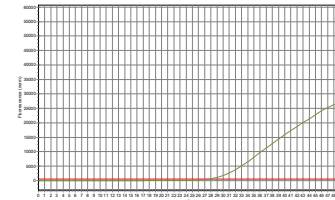
Threshold: 507 (Non-linear)
Baseline settings: automatic, QPC correction OFF

21



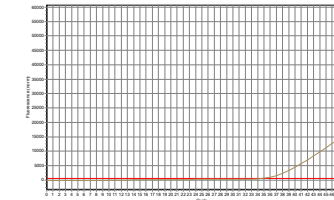
Threshold: 507 (Non-linear)
Baseline settings: automatic, QPC correction OFF

22



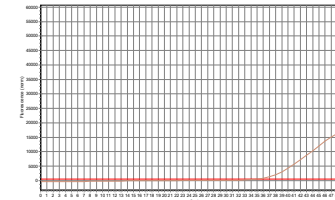
Threshold: 507 (Non-linear)
Baseline settings: automatic, QPC correction OFF

23



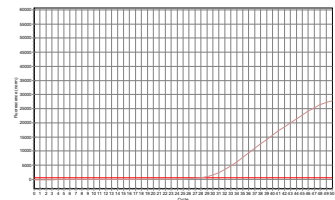
Threshold: 507 (Non-linear)
Baseline settings: automatic, QPC correction OFF

24



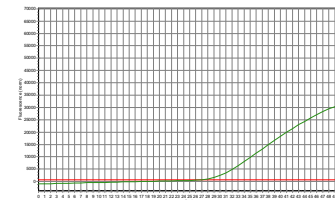
Threshold: 507 (Non-linear)
Baseline settings: automatic, QPC correction OFF

25



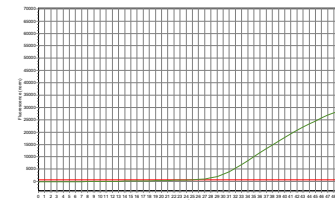
Threshold: 507 (Non-linear)
Baseline settings: automatic, QPC correction OFF

26



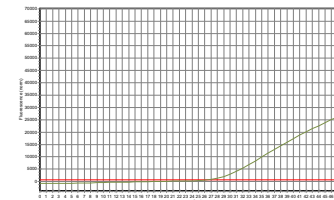
Threshold: 415 (Non-linear)
Baseline settings: automatic, QPC correction OFF

27



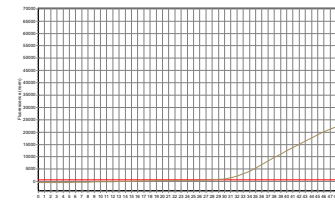
Threshold: 415 (Non-linear)
Baseline settings: automatic, QPC correction OFF

28



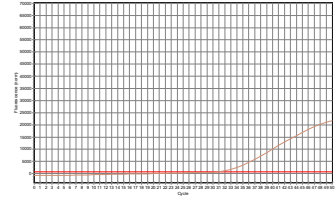
Threshold: 415 (Non-linear)
Baseline settings: automatic, QPC correction OFF

29



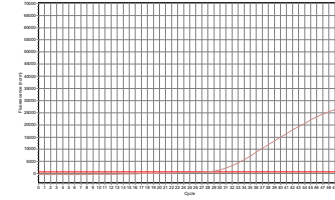
Threshold: 415 (Non-linear)
Baseline settings: automatic, QPC correction OFF

30



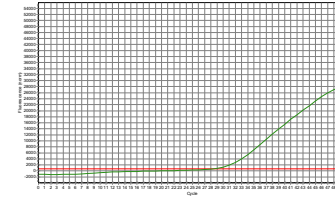
Threshold: 415 (Non-linear)
Baseline settings: automatic, QPC correction OFF

31



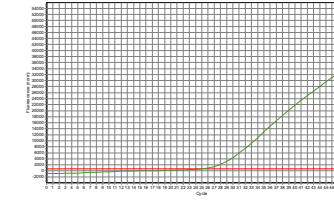
Threshold: 415 (Non-linear)
Baseline settings: automatic, QPC correction OFF

32



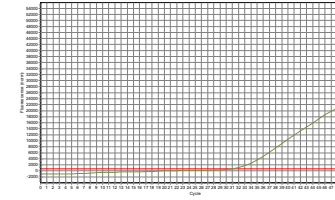
Threshold: 706 (Non-linear)
Baseline settings: automatic, QPC correction OFF

33



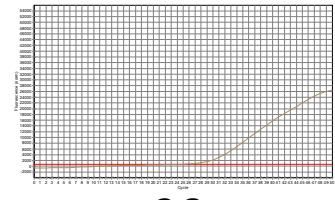
Threshold: 706 (Non-linear)
Baseline settings: automatic, QPC correction OFF

34



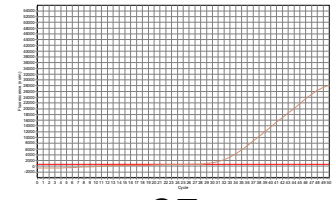
Threshold: 706 (Non-linear)
Baseline settings: automatic, QPC correction OFF

35



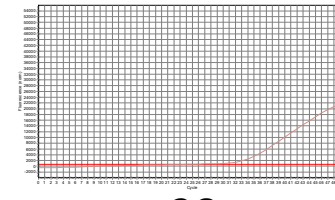
Threshold: 706 (Non-linear)
Baseline settings: automatic, QPC correction OFF

36



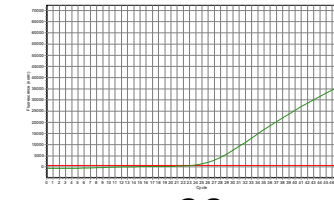
Threshold: 706 (Non-linear)
Baseline settings: automatic, QPC correction OFF

37



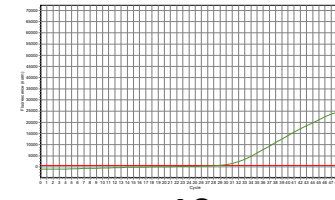
Threshold: 706 (Non-linear)
Baseline settings: automatic, QPC correction OFF

38



Threshold: 701 (Non-linear)
Baseline settings: automatic, QPC correction OFF

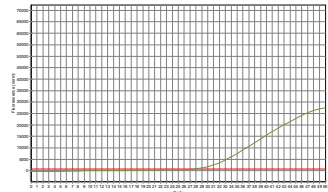
39



Threshold: 701 (Non-linear)
Baseline settings: automatic, QPC correction OFF

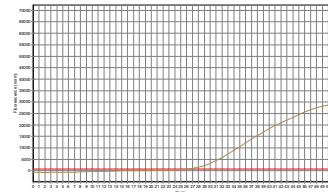
40

β-ACTIN-PROSTATE-BLOOD SAMPLE 41-60



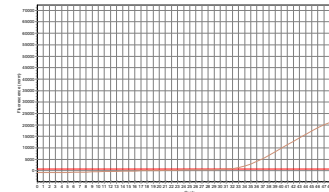
Threshold: 791 (Noiseland)
Baseline settings: automatic, DR correction OFF

41



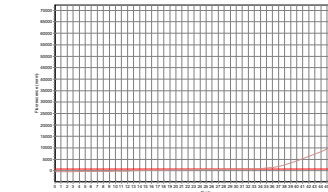
Threshold: 791 (Noiseland)
Baseline settings: automatic, DR correction OFF

42



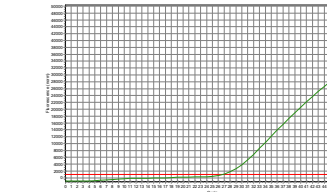
Threshold: 791 (Noiseland)
Baseline settings: automatic, DR correction OFF

43



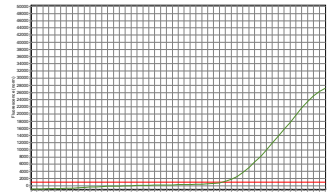
Threshold: 791 (Noiseland)
Baseline settings: automatic, DR correction OFF

44



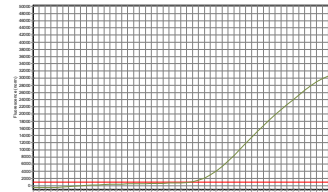
Threshold: 1016 (Noiseland)
Baseline settings: automatic, DR correction OFF

45



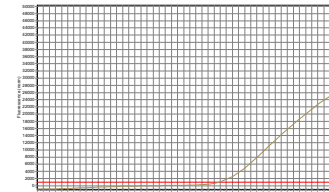
Threshold: 1016 (Noiseland)
Baseline settings: automatic, DR correction OFF

46



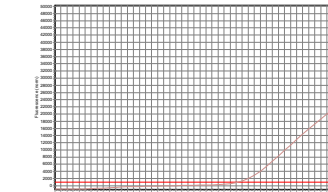
Threshold: 1016 (Noiseland)
Baseline settings: automatic, DR correction OFF

47



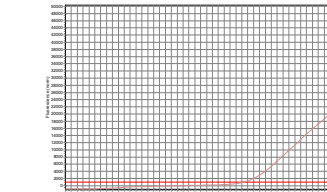
Threshold: 1016 (Noiseland)
Baseline settings: automatic, DR correction OFF

47



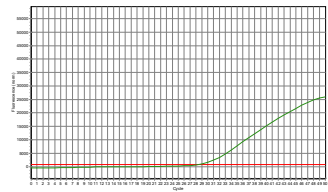
Threshold: 1016 (Noiseland)
Baseline settings: automatic, DR correction OFF

49



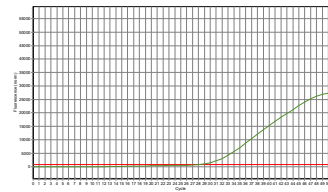
Threshold: 1016 (Noiseland)
Baseline settings: automatic, DR correction OFF

50



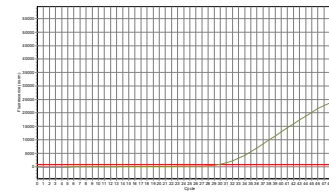
Threshold: 791 (Noiseland)
Baseline settings: automatic, DR correction OFF

51



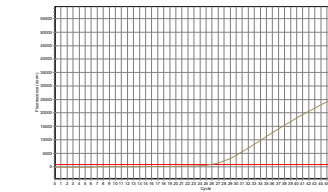
Threshold: 791 (Noiseland)
Baseline settings: automatic, DR correction OFF

52



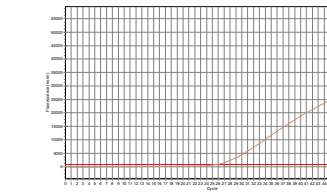
Threshold: 791 (Noiseland)
Baseline settings: automatic, DR correction OFF

53



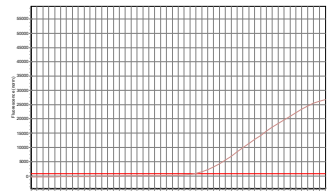
Threshold: 791 (Noiseland)
Baseline settings: automatic, DR correction OFF

54



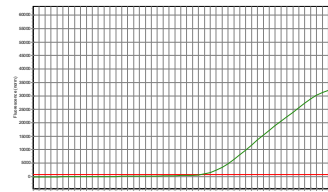
Threshold: 791 (Noiseland)
Baseline settings: automatic, DR correction OFF

55



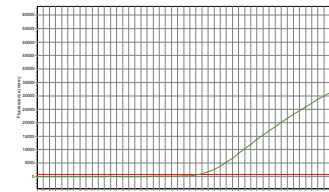
Threshold: 791 (Noiseland)
Baseline settings: automatic, DR correction OFF

56



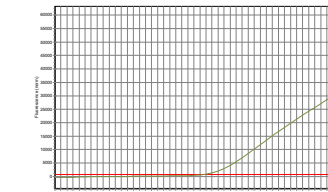
Threshold: 791 (Noiseland)
Baseline settings: automatic, DR correction OFF

57



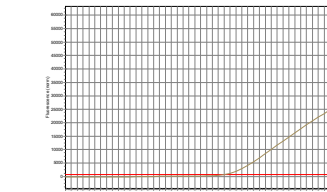
Threshold: 791 (Noiseland)
Baseline settings: automatic, DR correction OFF

58



Threshold: 791 (Noiseland)
Baseline settings: automatic, DR correction OFF

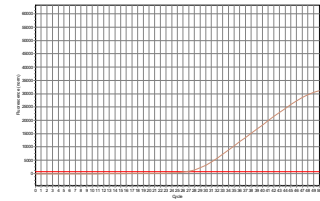
59



Threshold: 791 (Noiseland)
Baseline settings: automatic, DR correction OFF

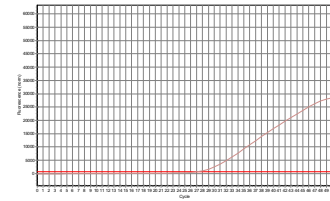
60

β -ACTIN-PROSTATE-BLOOD SAMPLE 61-80



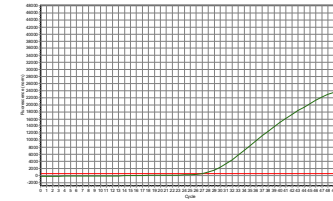
Threshold: 750 (Normalized)
Baseline settings: automatic, DR correction OFF

61



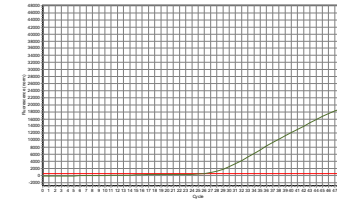
Threshold: 750 (Normalized)
Baseline settings: automatic, DR correction OFF

62



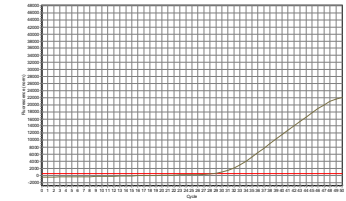
Threshold: 550 (Normalized)
Baseline settings: automatic, DR correction OFF

63



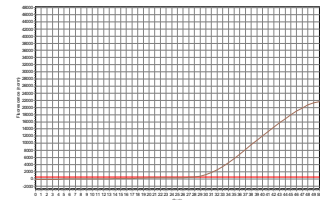
Threshold: 550 (Normalized)
Baseline settings: automatic, DR correction OFF

64



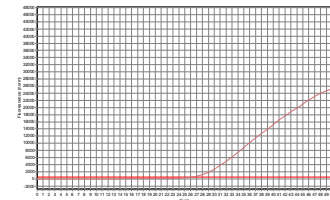
Threshold: 550 (Normalized)
Baseline settings: automatic, DR correction OFF

65



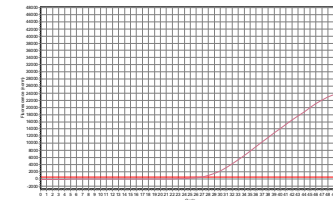
Threshold: 550 (Normalized)
Baseline settings: automatic, DR correction OFF

66



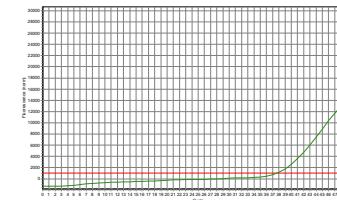
Threshold: 550 (Normalized)
Baseline settings: automatic, DR correction OFF

67



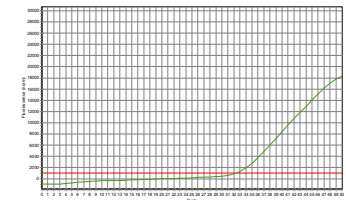
Threshold: 550 (Normalized)
Baseline settings: automatic, DR correction OFF

68



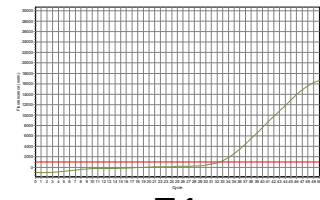
Threshold: 100 (Normalized)
Baseline settings: automatic, DR correction OFF

69



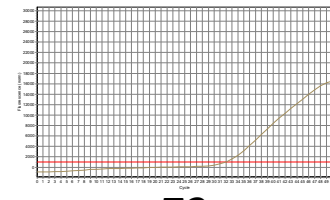
Threshold: 100 (Normalized)
Baseline settings: automatic, DR correction OFF

70



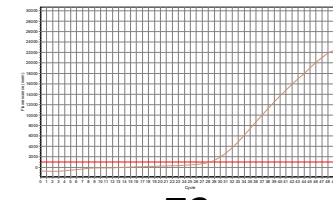
Threshold: 100 (Normalized)
Baseline settings: automatic, DR correction OFF

71



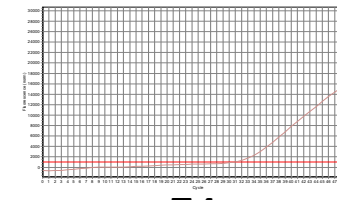
Threshold: 100 (Normalized)
Baseline settings: automatic, DR correction OFF

72



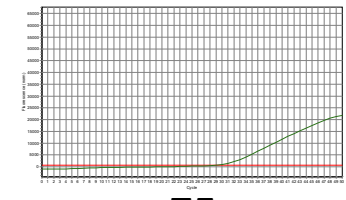
Threshold: 100 (Normalized)
Baseline settings: automatic, DR correction OFF

73



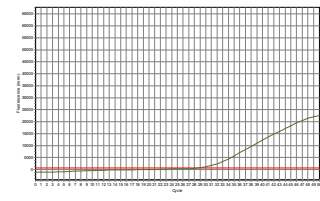
Threshold: 100 (Normalized)
Baseline settings: automatic, DR correction OFF

74



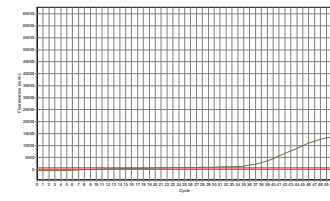
Threshold: 80 (Normalized)
Baseline settings: automatic, DR correction OFF

75



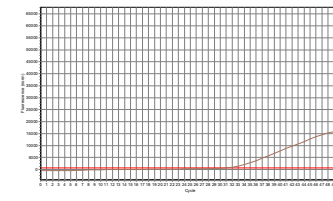
Threshold: 80 (Normalized)
Baseline settings: automatic, DR correction OFF

76



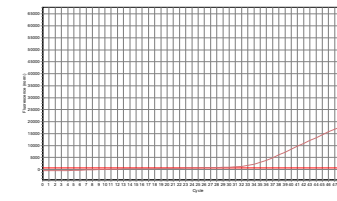
Threshold: 80 (Normalized)
Baseline settings: automatic, DR correction OFF

77



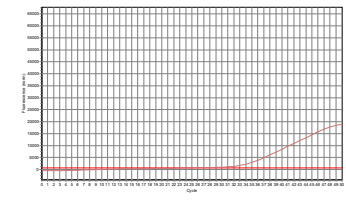
Threshold: 80 (Normalized)
Baseline settings: automatic, DR correction OFF

78



Threshold: 80 (Normalized)
Baseline settings: automatic, DR correction OFF

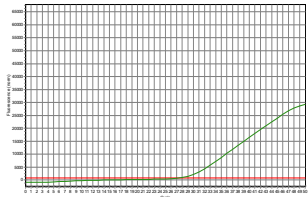
79



Threshold: 80 (Normalized)
Baseline settings: automatic, DR correction OFF

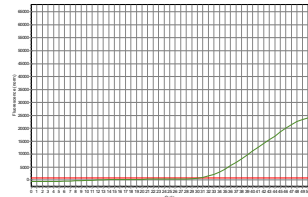
80

β-ACTIN-PROSTATE-BLOOD SAMPLE 81-100



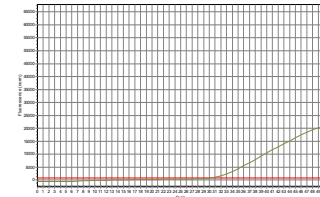
Threshold: 850 (Normalized)
Baseline settings: automatic, QPCR correction OFF

81



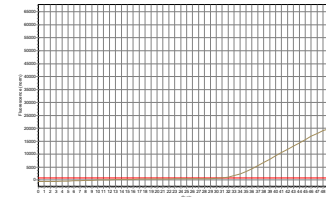
Threshold: 850 (Normalized)
Baseline settings: automatic, QPCR correction OFF

82



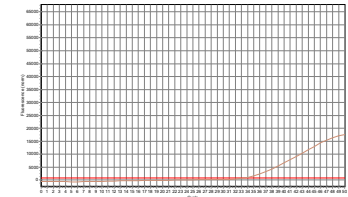
Threshold: 850 (Normalized)
Baseline settings: automatic, QPCR correction OFF

83



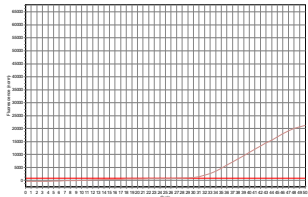
Threshold: 850 (Normalized)
Baseline settings: automatic, QPCR correction OFF

84



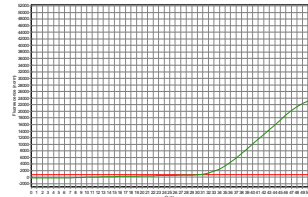
Threshold: 850 (Normalized)
Baseline settings: automatic, QPCR correction OFF

85



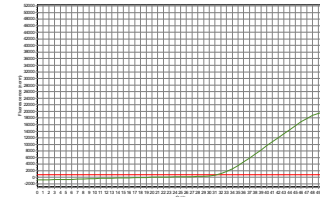
Threshold: 757 (Normalized)
Baseline settings: automatic, QPCR correction OFF

86



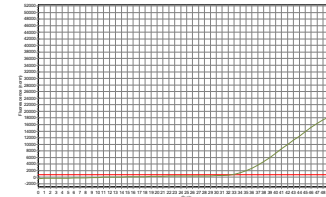
Threshold: 757 (Normalized)
Baseline settings: automatic, QPCR correction OFF

87



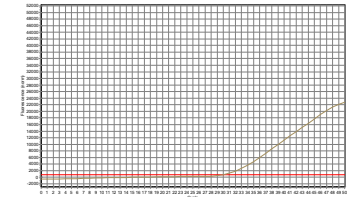
Threshold: 757 (Normalized)
Baseline settings: automatic, QPCR correction OFF

88



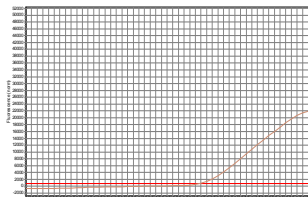
Threshold: 757 (Normalized)
Baseline settings: automatic, QPCR correction OFF

89



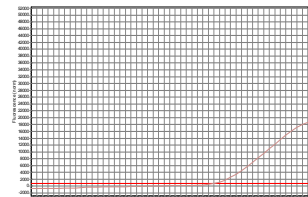
Threshold: 757 (Normalized)
Baseline settings: automatic, QPCR correction OFF

90



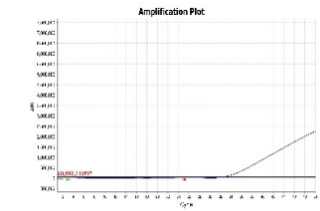
Threshold: 757 (Normalized)
Baseline settings: automatic, QPCR correction OFF

91

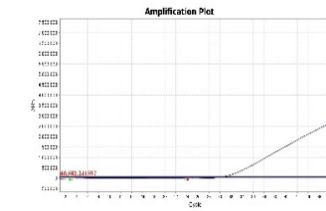


Threshold: 757 (Normalized)
Baseline settings: automatic, QPCR correction OFF

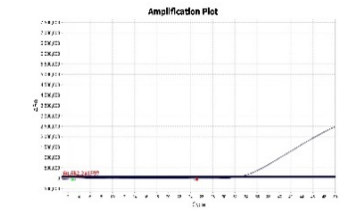
92



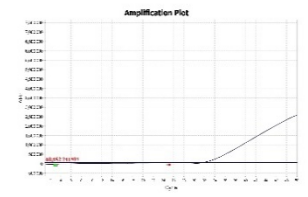
93



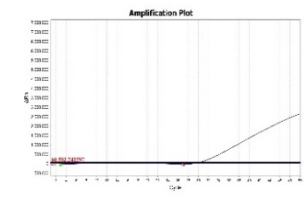
94



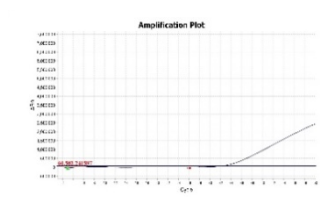
95



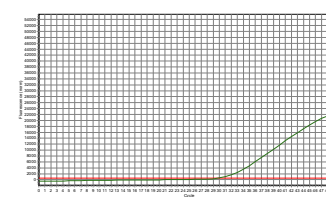
96



97

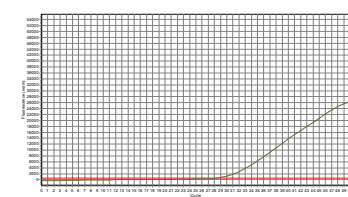


98



Threshold: 877 (Normalized)
Baseline settings: automatic, QPCR correction OFF

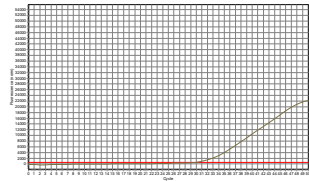
99



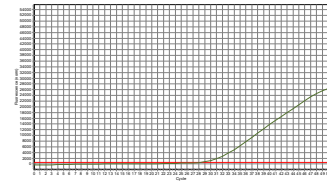
Threshold: 877 (Normalized)
Baseline settings: automatic, QPCR correction OFF

100

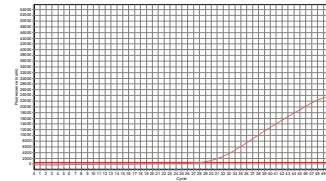
β-ACTIN-PROSTATE-BLOOD SAMPLE 101-120



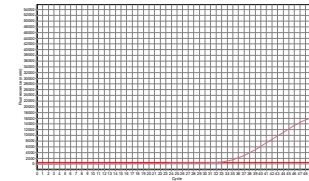
101



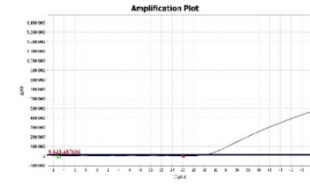
102



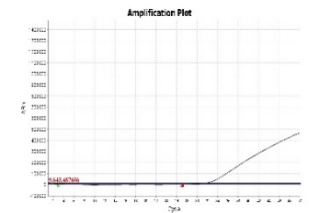
103



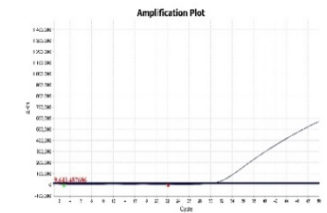
104



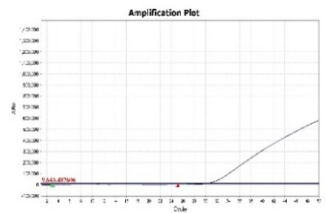
105



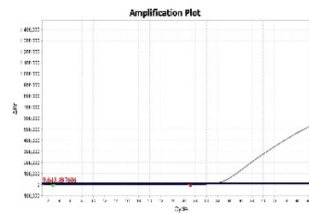
106



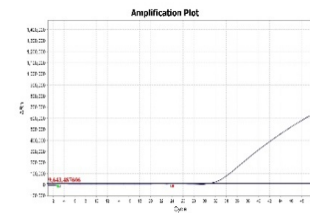
107



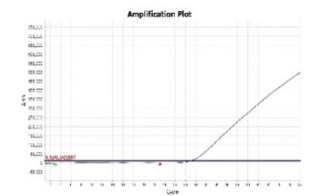
108



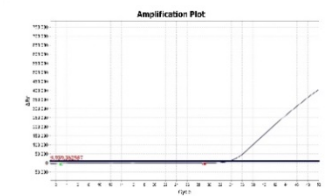
109



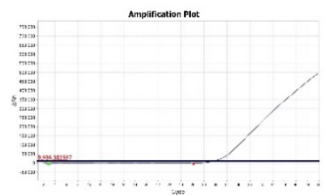
110



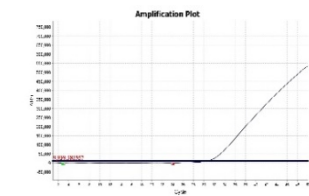
111



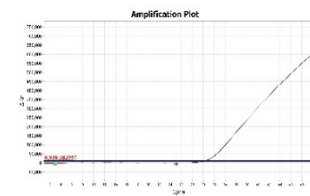
111



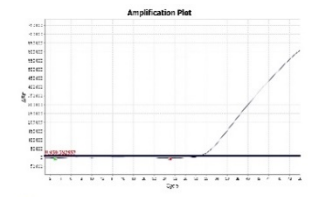
113



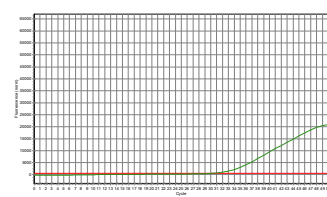
114



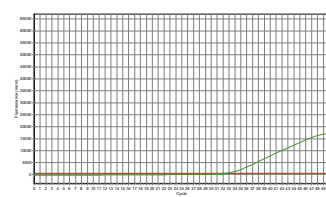
115



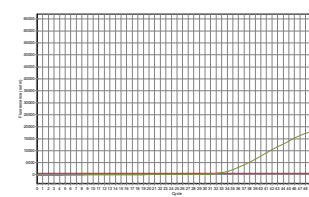
116



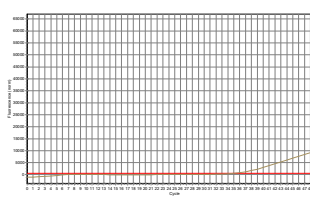
117



118

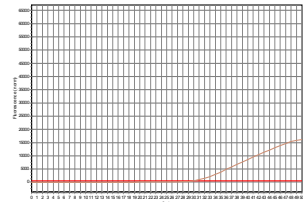


119



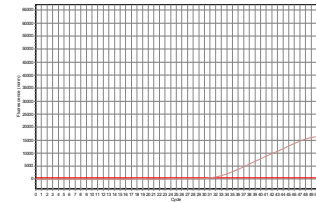
120

β -ACTIN-PROSTATE-BLOOD SAMPLE 121-140



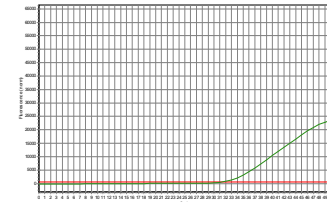
Threshold: 552 (Threshold)
Baseline settings: automatic, Diff correction OFF

121



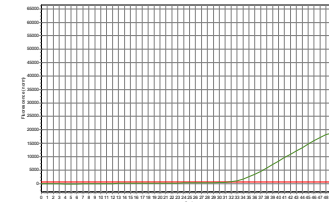
Threshold: 552 (Threshold)
Baseline settings: automatic, Diff correction OFF

122



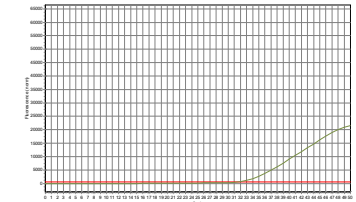
Threshold: 552 (Threshold)
Baseline settings: automatic, Diff correction OFF

123



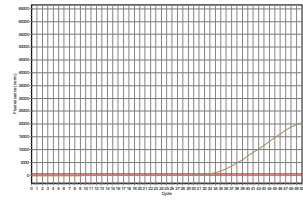
Threshold: 552 (Threshold)
Baseline settings: automatic, Diff correction OFF

124



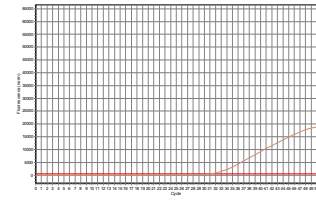
Threshold: 552 (Threshold)
Baseline settings: automatic, Diff correction OFF

125



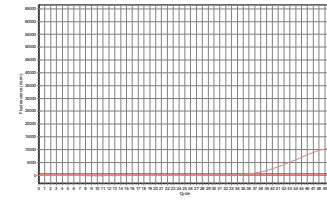
Threshold: 552 (Threshold)
Baseline settings: automatic, Diff correction OFF

126



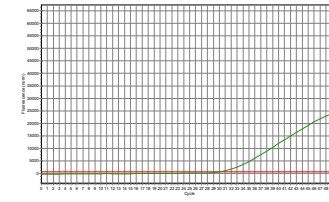
Threshold: 552 (Threshold)
Baseline settings: automatic, Diff correction OFF

127



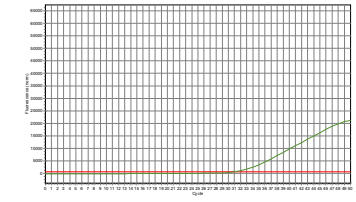
Threshold: 552 (Threshold)
Baseline settings: automatic, Diff correction OFF

128



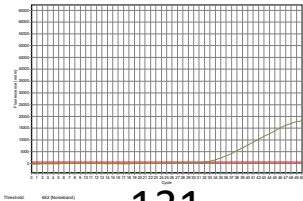
Threshold: 552 (Threshold)
Baseline settings: automatic, Diff correction OFF

129



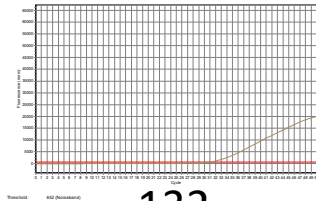
Threshold: 552 (Threshold)
Baseline settings: automatic, Diff correction OFF

130



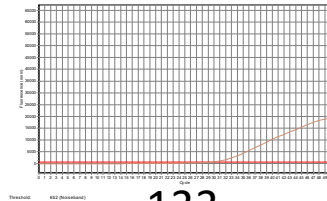
Threshold: 552 (Threshold)
Baseline settings: automatic, Diff correction OFF

131



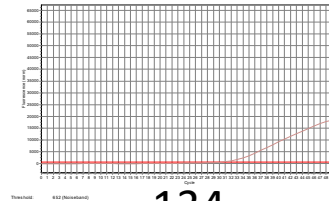
Threshold: 552 (Threshold)
Baseline settings: automatic, Diff correction OFF

132



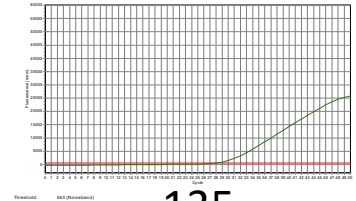
Threshold: 552 (Threshold)
Baseline settings: automatic, Diff correction OFF

133



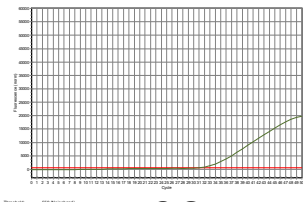
Threshold: 552 (Threshold)
Baseline settings: automatic, Diff correction OFF

134



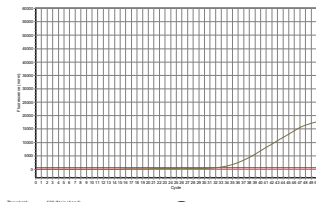
Threshold: 552 (Threshold)
Baseline settings: automatic, Diff correction OFF

135



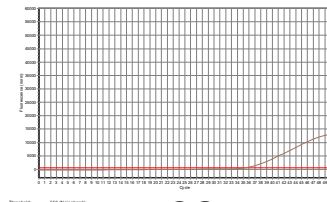
Threshold: 552 (Threshold)
Baseline settings: automatic, Diff correction OFF

136



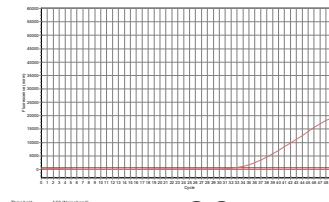
Threshold: 552 (Threshold)
Baseline settings: automatic, Diff correction OFF

137



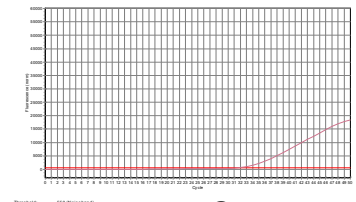
Threshold: 552 (Threshold)
Baseline settings: automatic, Diff correction OFF

138



Threshold: 552 (Threshold)
Baseline settings: automatic, Diff correction OFF

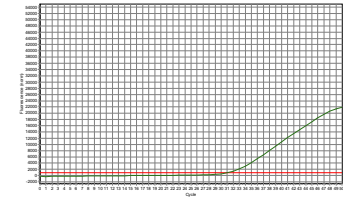
139



Threshold: 552 (Threshold)
Baseline settings: automatic, Diff correction OFF

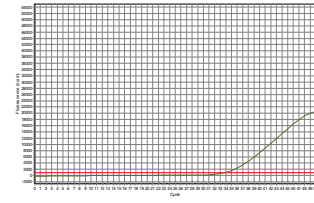
140

β -ACTIN-PROSTATE-BLOOD SAMPLE 141-150



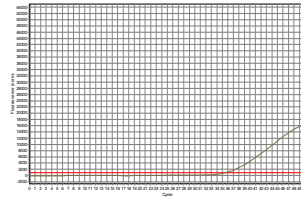
Threshold: 556 (Adjusted manually)
Baseline settings: automatic, Drift correction: OFF

141



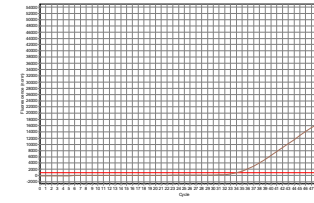
Threshold: 556 (Adjusted manually)
Baseline settings: automatic, Drift correction: OFF

142



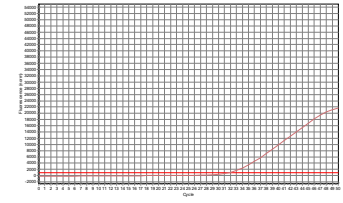
Threshold: 556 (Adjusted manually)
Baseline settings: automatic, Drift correction: OFF

143



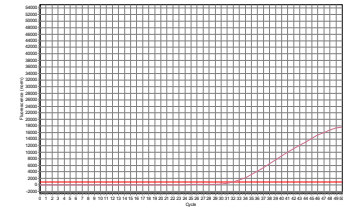
Threshold: 556 (Adjusted manually)
Baseline settings: automatic, Drift correction: OFF

144



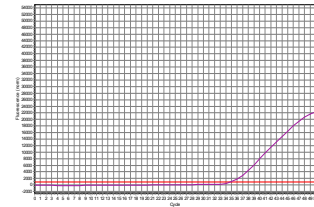
Threshold: 556 (Adjusted manually)
Baseline settings: automatic, Drift correction: OFF

145



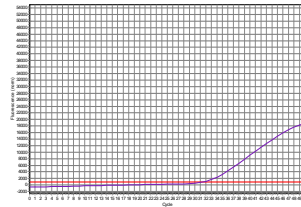
Threshold: 556 (Adjusted manually)
Baseline settings: automatic, Drift correction: OFF

146



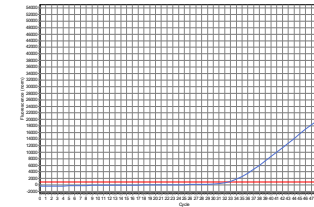
Threshold: 556 (Adjusted manually)
Baseline settings: automatic, Drift correction: OFF

147



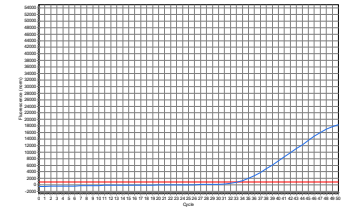
Threshold: 556 (Adjusted manually)
Baseline settings: automatic, Drift correction: OFF

148



Threshold: 556 (Adjusted manually)
Baseline settings: automatic, Drift correction: OFF

149



Threshold: 556 (Adjusted manually)
Baseline settings: automatic, Drift correction: OFF

150

Supplemental figure 11

KDM4B-AC011523.2

Sample #18

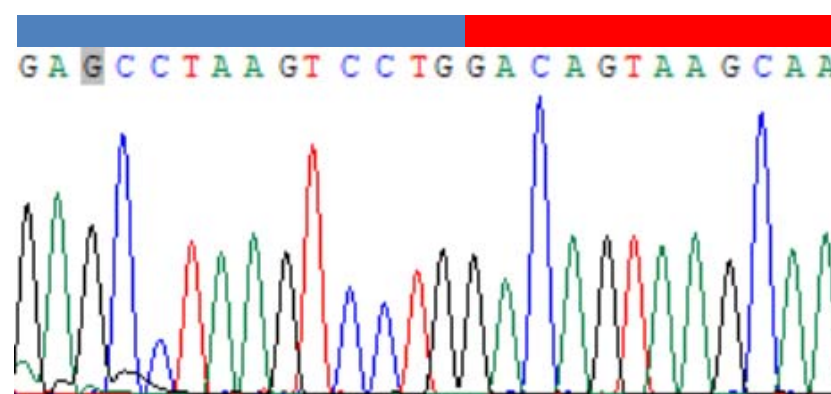
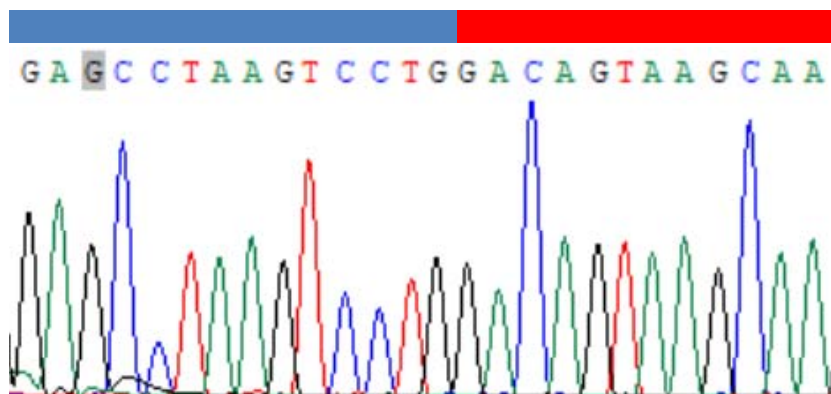
Sample #114

KDM4B

AC011523.2

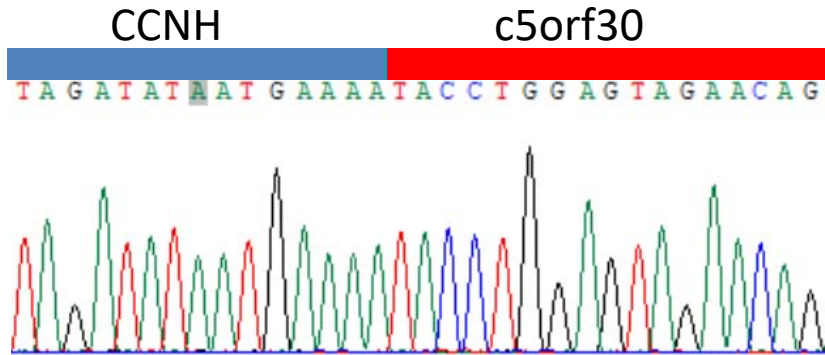
KDM4B

AC011523.2

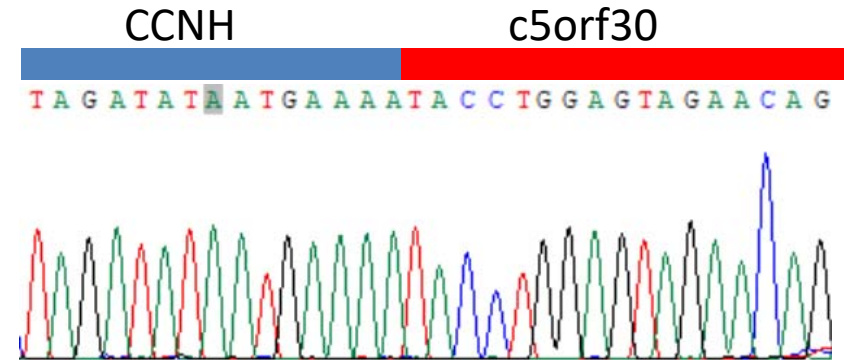


CCNH-c5orf30

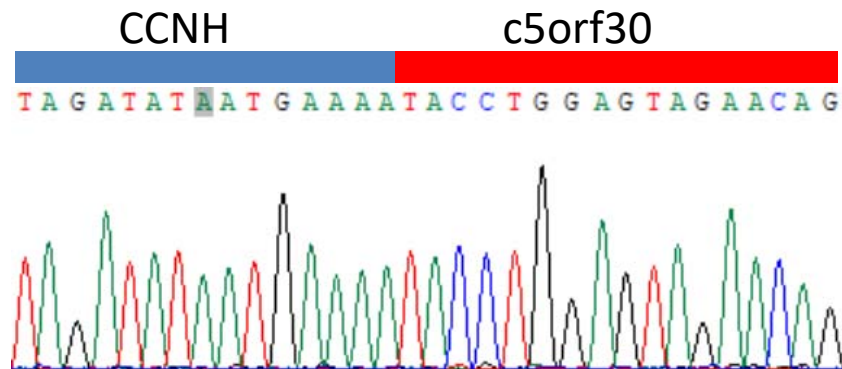
Sample #2



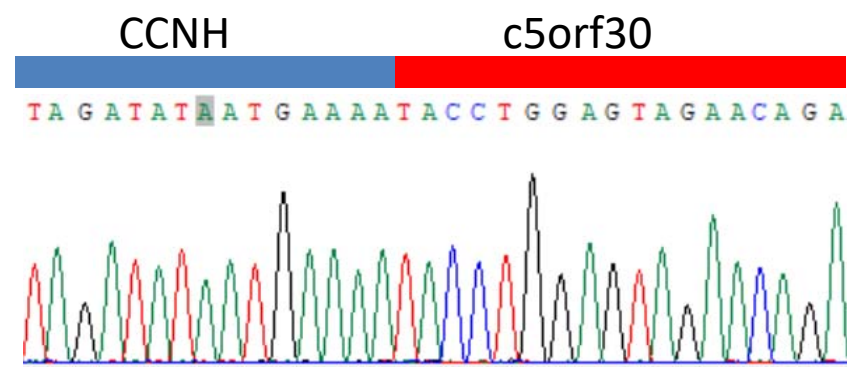
Sample #4



Sample #18



Sample #41

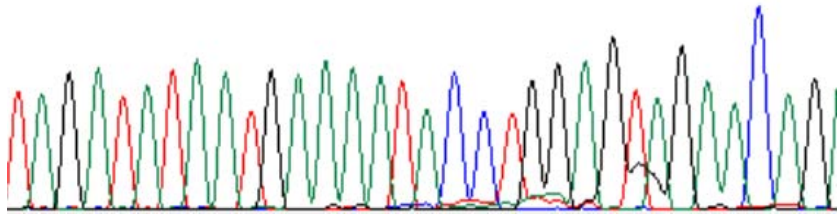


Sample #32

CCNH

c5orf30

TAGATAT AATGAAAATACCTGGAGTAGAACAG

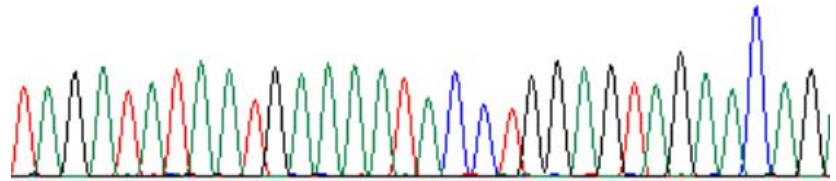


Sample #117

CCNH

c5orf30

TAGATAT AATGAAAATACCTGGAGTAGAACAG

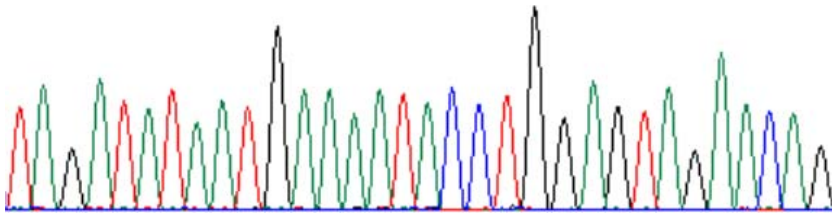


Sample #127

CCNH

c5orf30

TAGATAT AATGAAAATACCTGGAGTAGAACAG

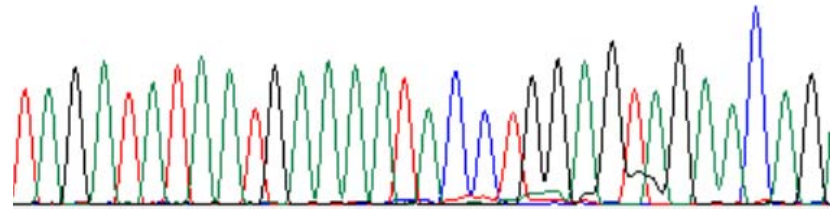


Sample #70

CCNH

c5orf30

TAGATAT AATGAAAATACCTGGAGTAGAACAG



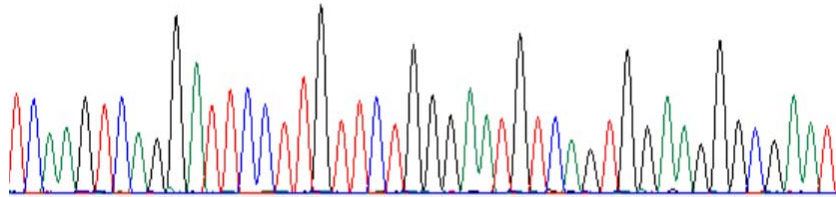
mTOR-TP53BP1

Sample #6

mTOR

TP53BP1

TCAAGTCAAGGATTCCCTTGTTCTGGGAATGTCA GTGGAAGGGCGAAT

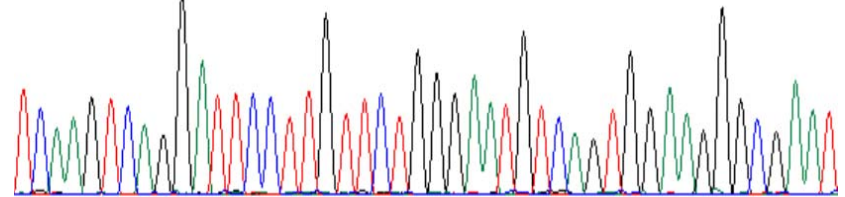


Sample #18

mTOR

TP53BP1

TCAAGTCAAGGATTCCCTTGTTCTGGGAATGTCA GTGGAAGGGCGAAT

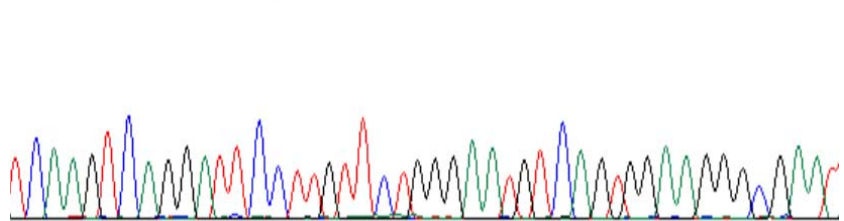


Sample #59

mTOR

TP53BP1

TCAAGTCAAGGATTCCCTTGTTCTGGGAATGTCA GTGGAAGGGCGAAT

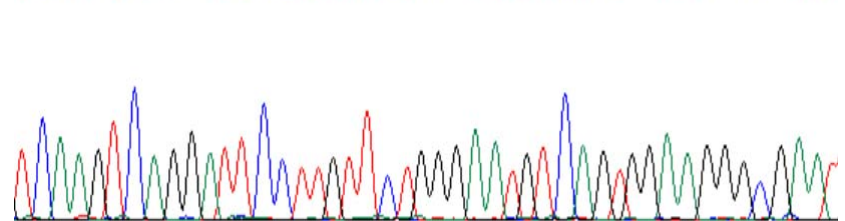


Sample #49

mTOR

TP53BP1

TCAAGTCAAGGATTCCCTTGTTCTGGGAATGTCA GTGGAAGGGCGAAT

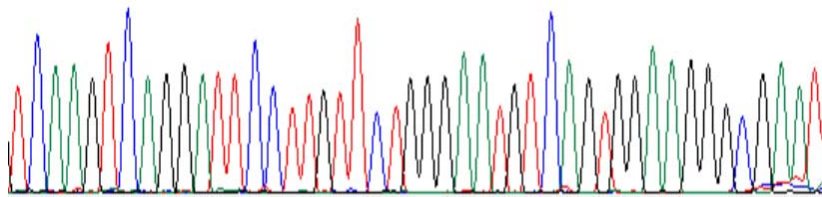


Sample #63

mTOR

TP53BP1

T C A A G T C **A** G G A T T C C T T G T T C T G G G A A T G T C A G T G G A A G G G C G A A T

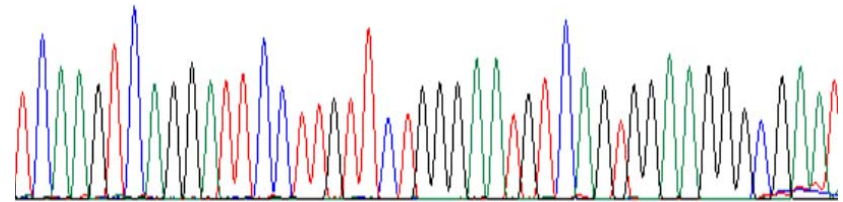


Sample #124

mTOR

TP53BP1

T C A A G T C **A** G G A T T C C T T G T T C T G G G A A T G T C A G T G G A A G G G C G A A T

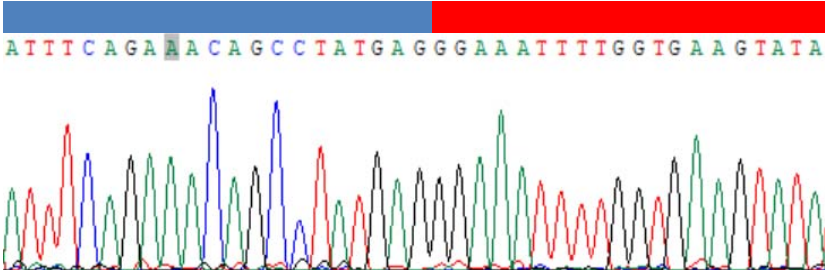


MAN2A1-FER

Sample #20

MAN2A1

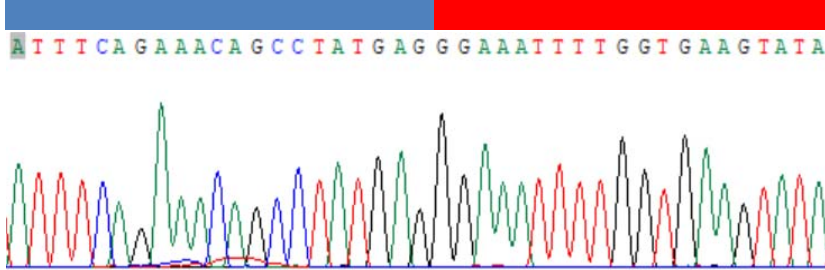
FER



Sample #38

MAN2A1

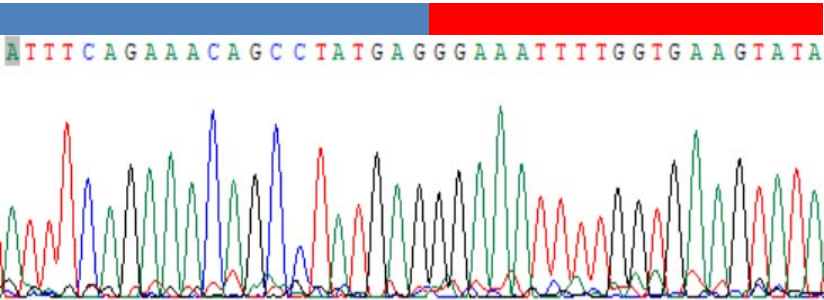
FER



Sample #19

MAN2A1

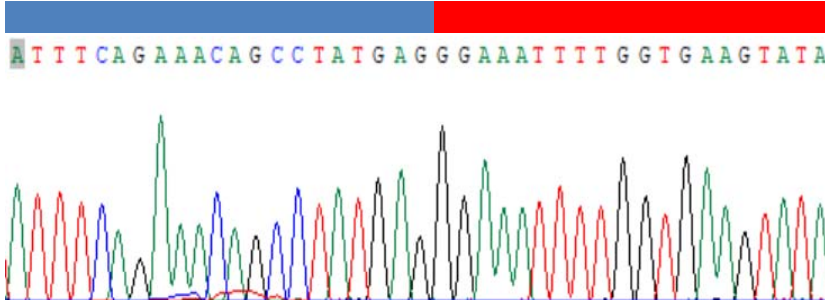
FER



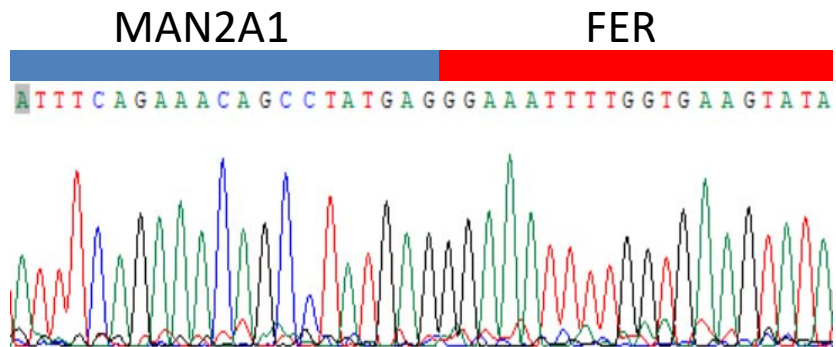
Sample #17

MAN2A1

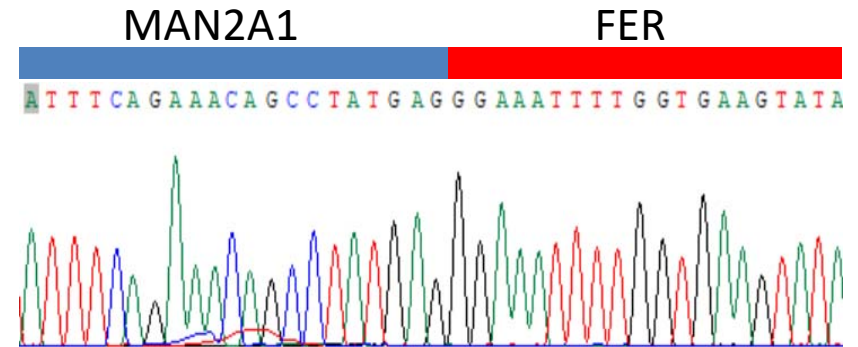
FER



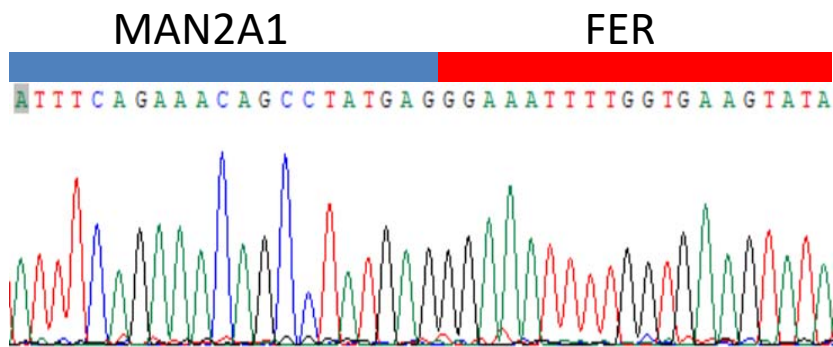
Sample #18



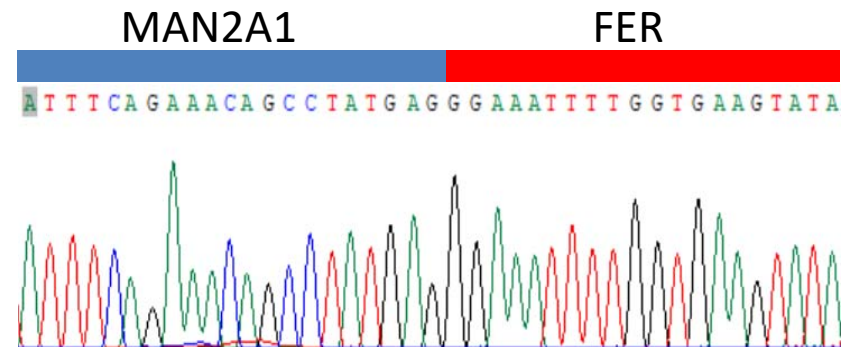
Sample #8



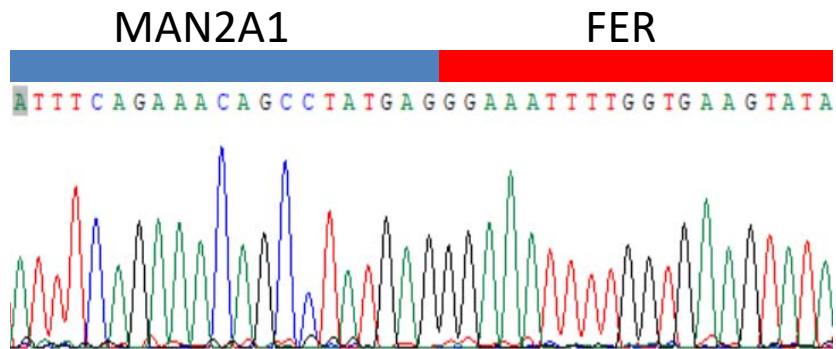
Sample #35



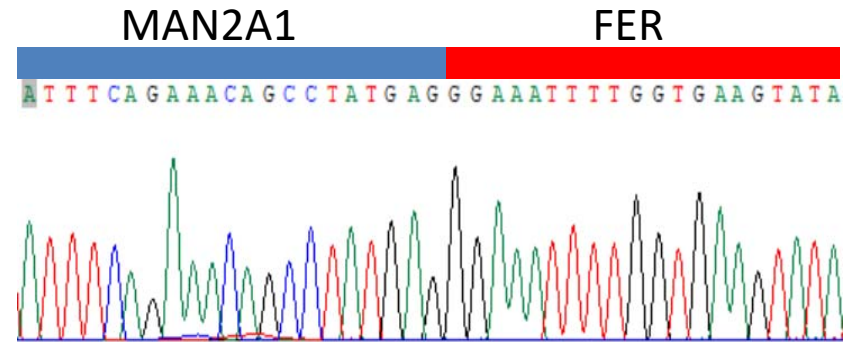
Sample #5



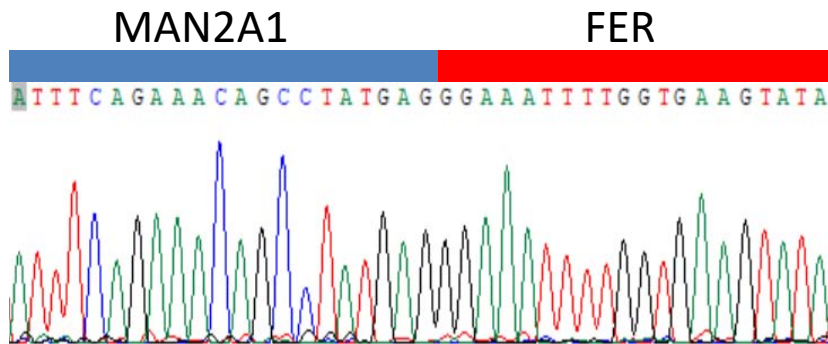
Sample #27



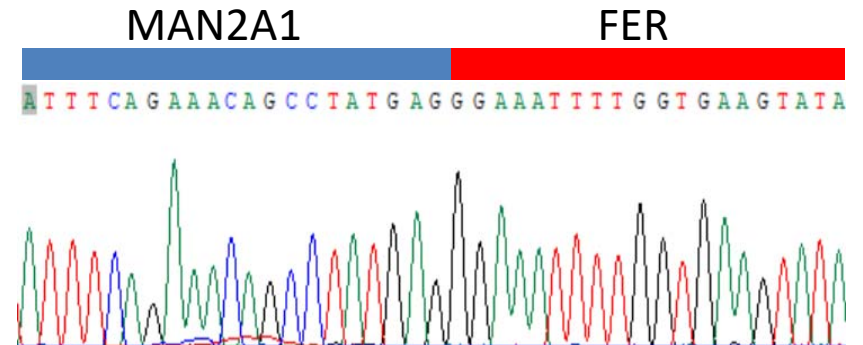
Sample #42



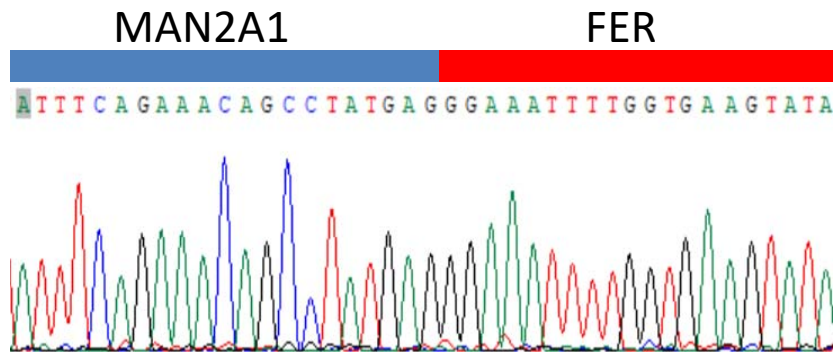
Sample #2



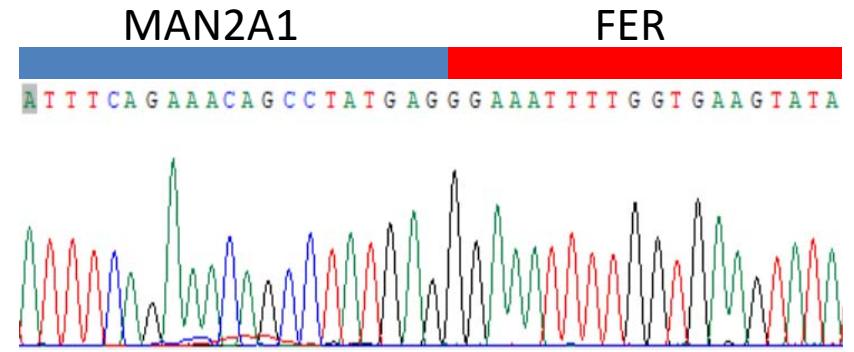
Sample #3



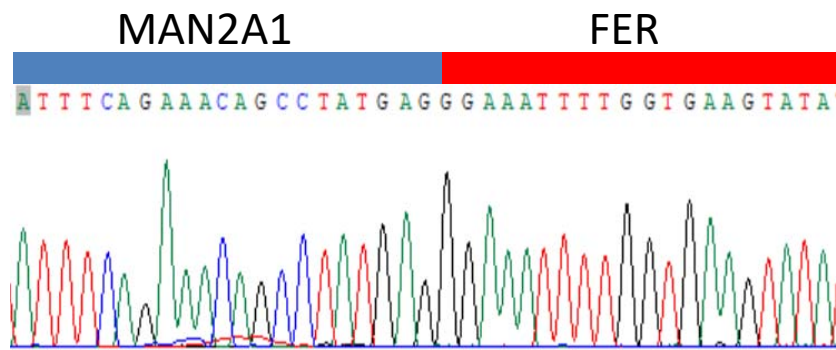
Sample #114



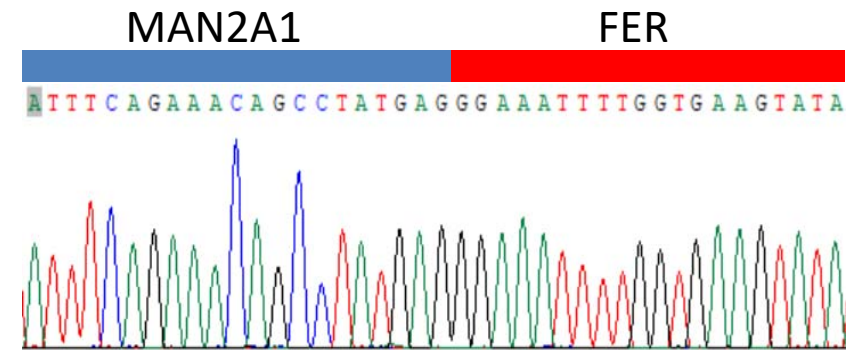
Sample #113



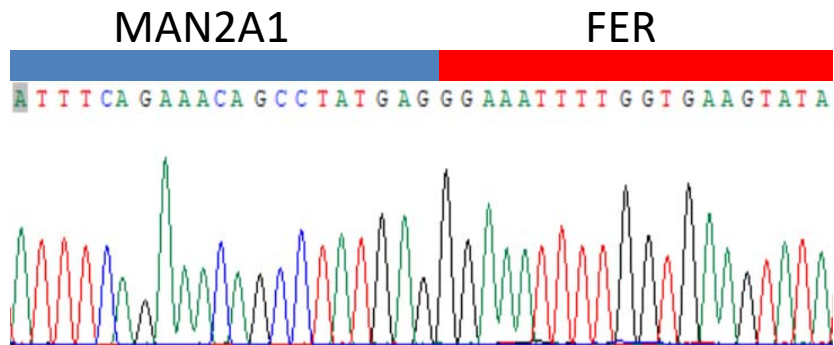
Sample #104



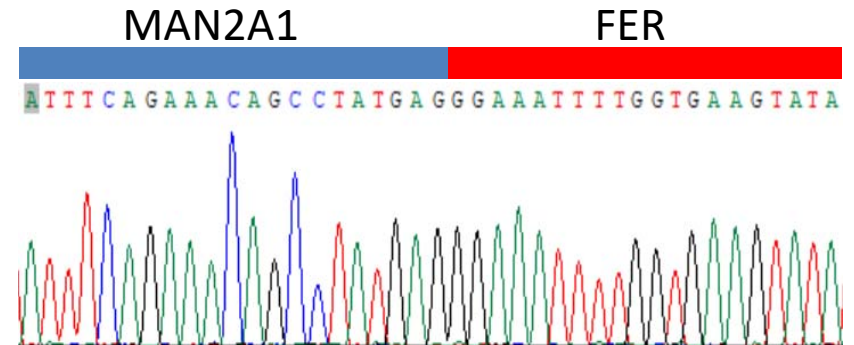
Sample #31



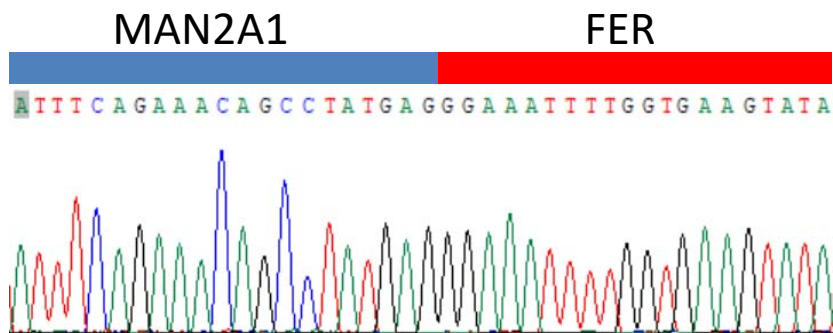
Sample #1



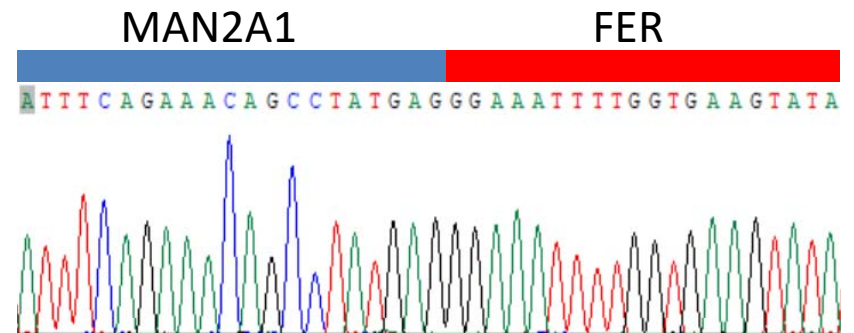
Sample #4



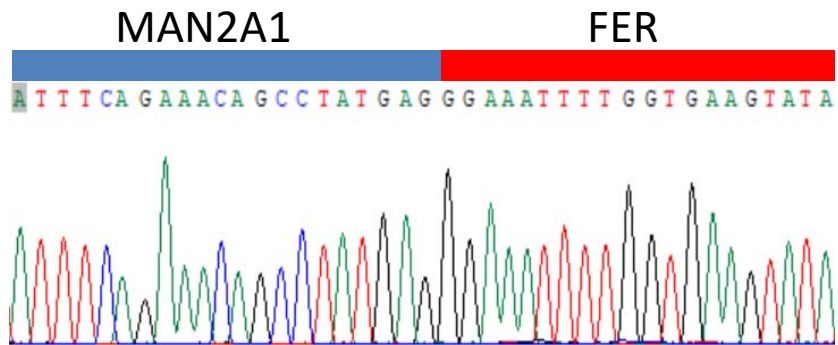
Sample #6



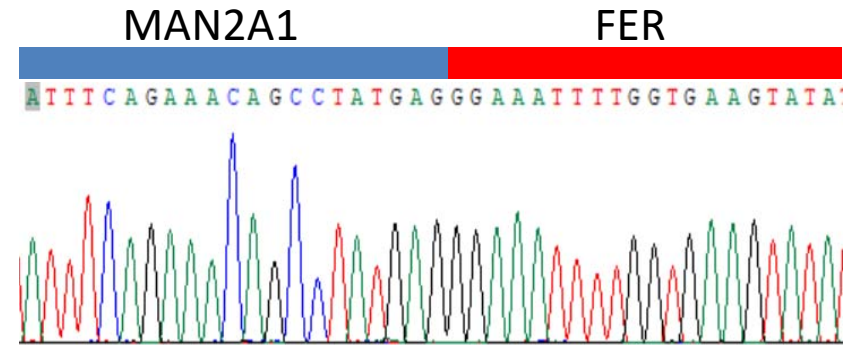
Sample #29



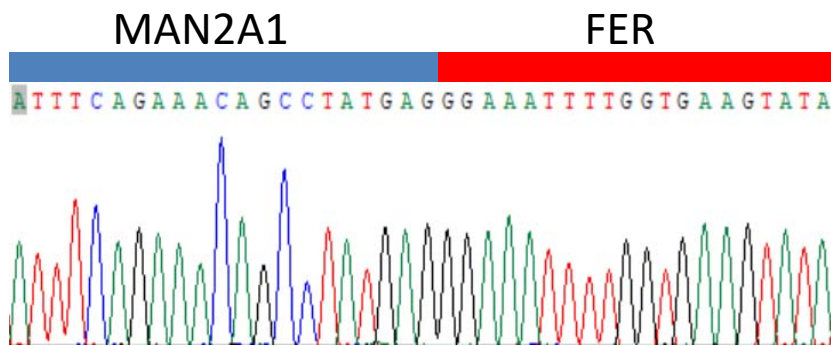
Sample #41



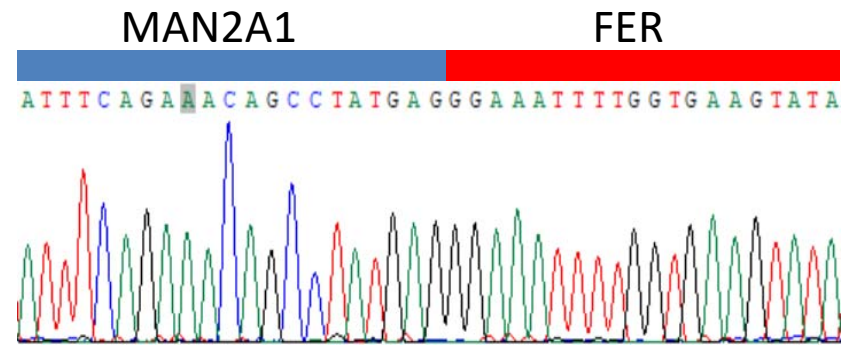
Sample #39



Sample #37



Sample #77



SLC45A2-AMACR

Sample #34

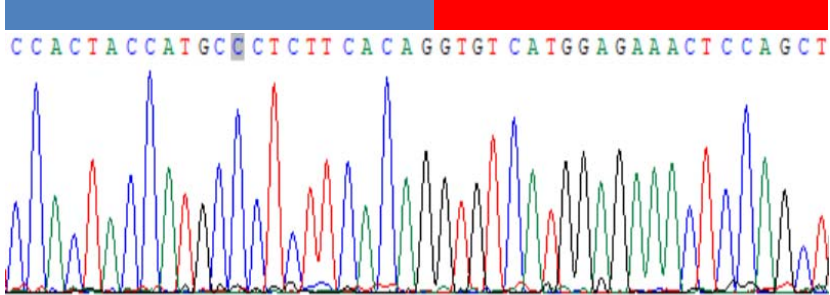
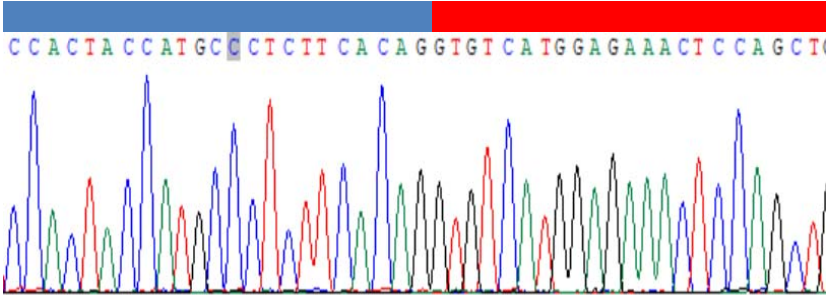
Sample #19

SLC45A2

AMACR

SLC45A2

AMACR



Sample #40

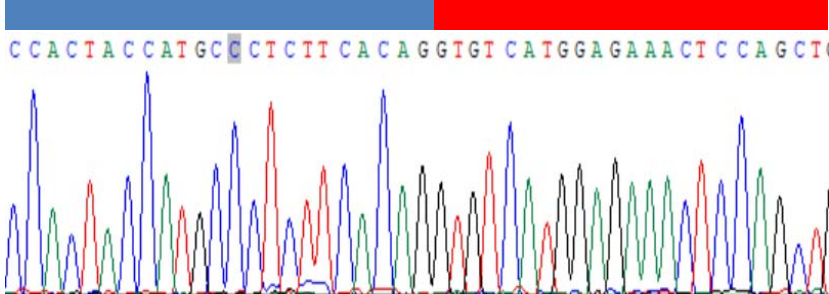
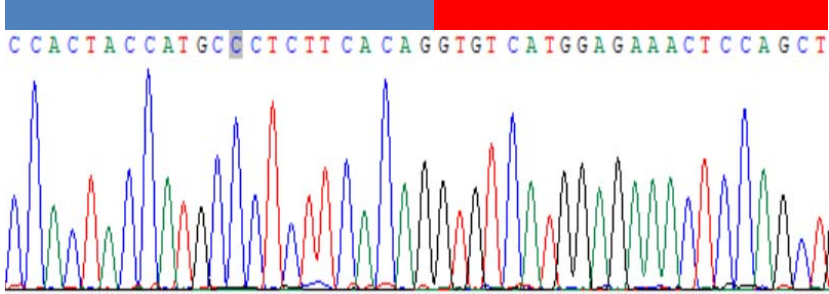
Sample #8

SLC45A2

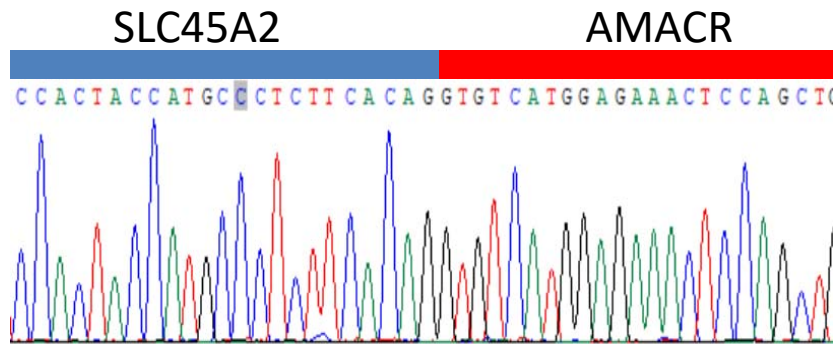
AMACR

SLC45A2

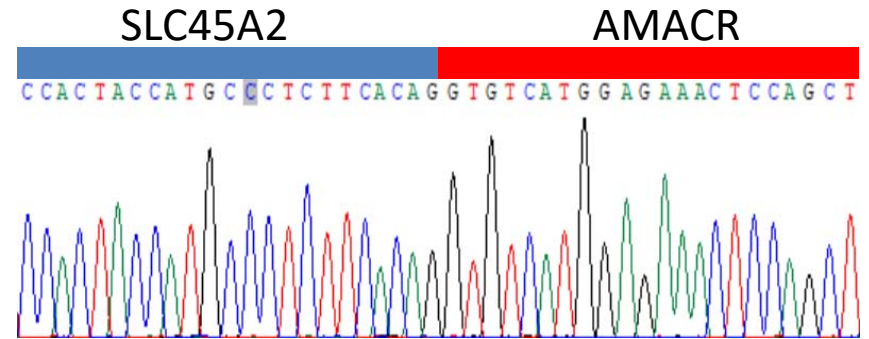
AMACR



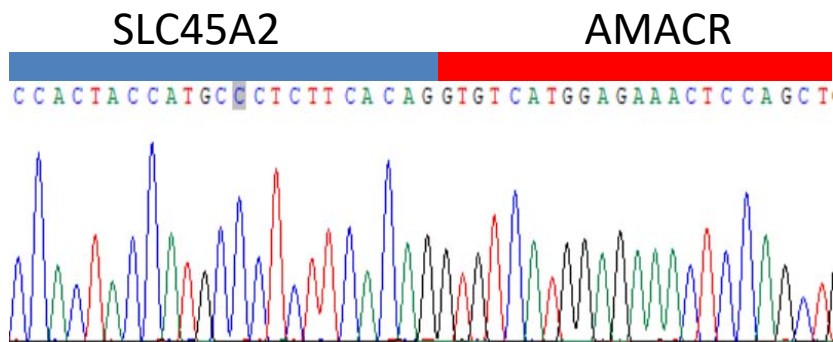
Sample #35



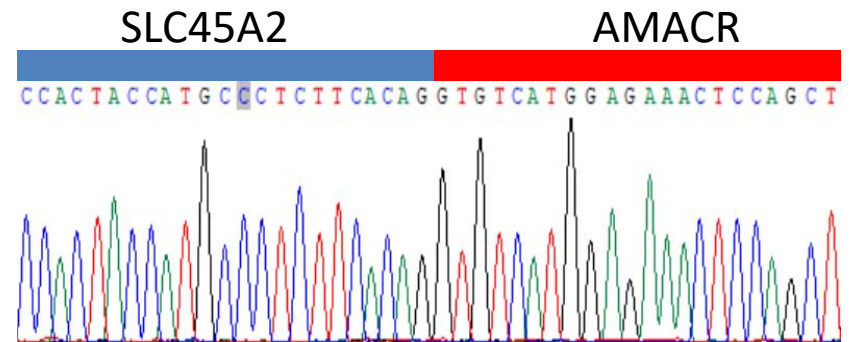
Sample #50



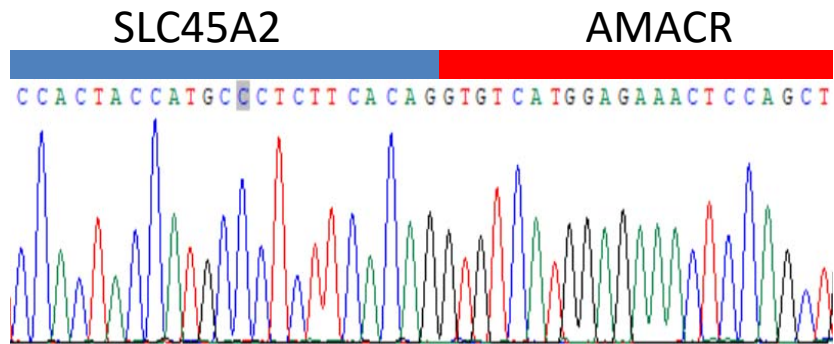
Sample #15



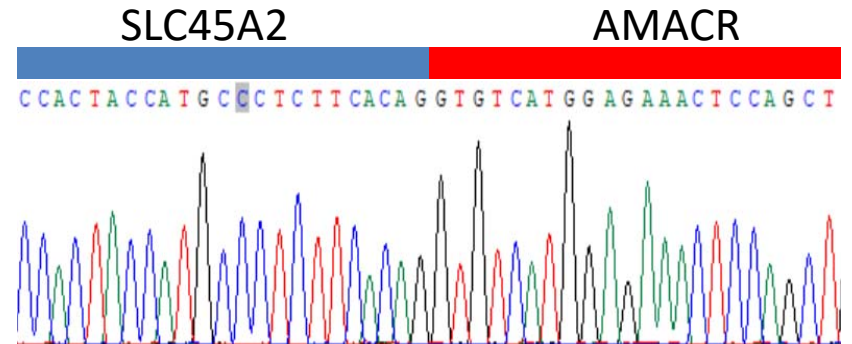
Sample #6



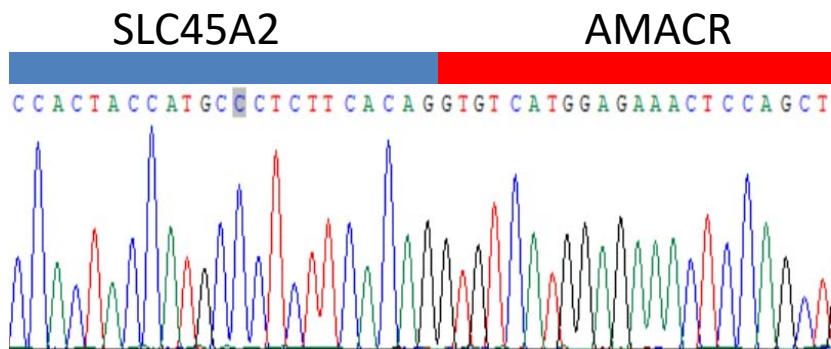
Sample #115



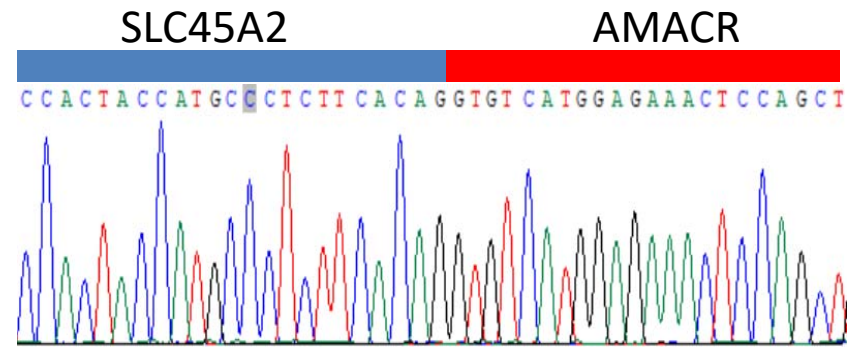
Sample #32



Sample #89

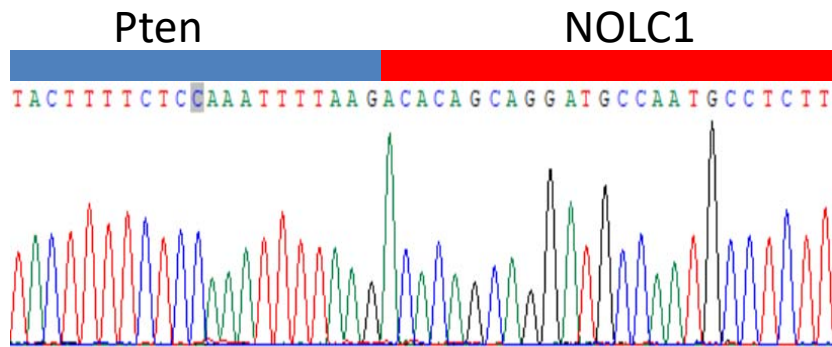


Sample #91

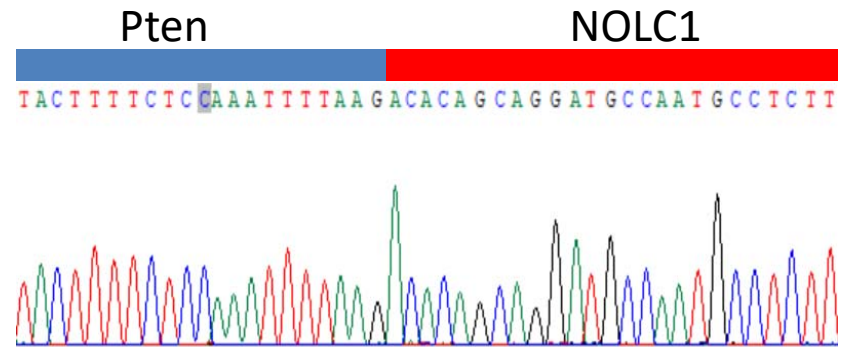


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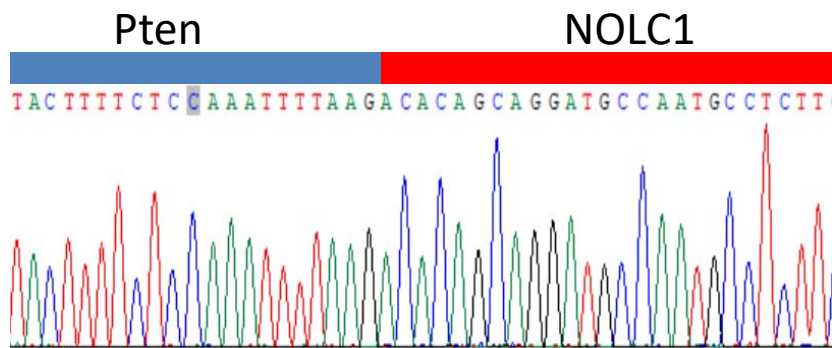
Sample #34



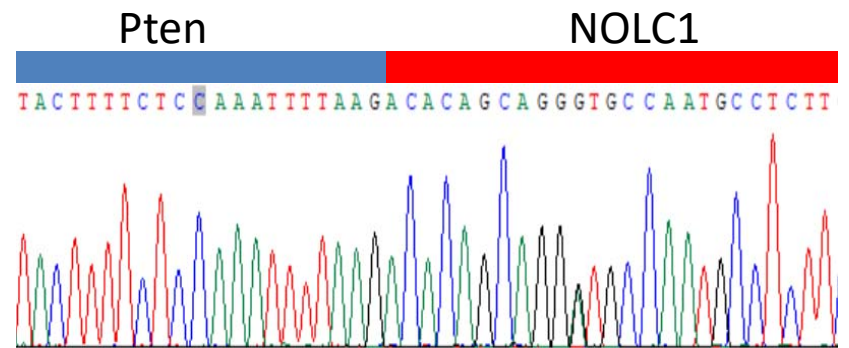
Sample #28



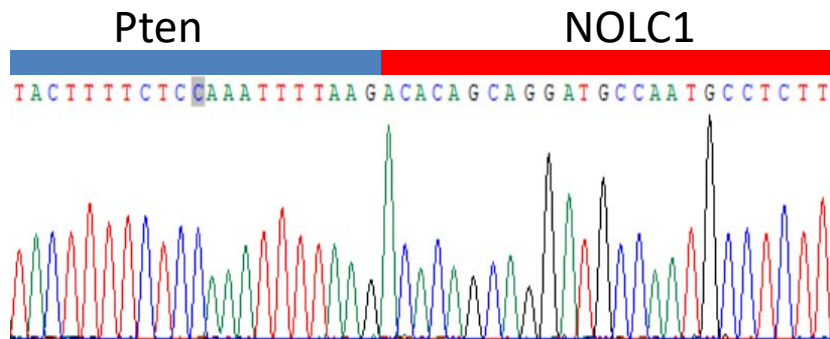
Sample #18



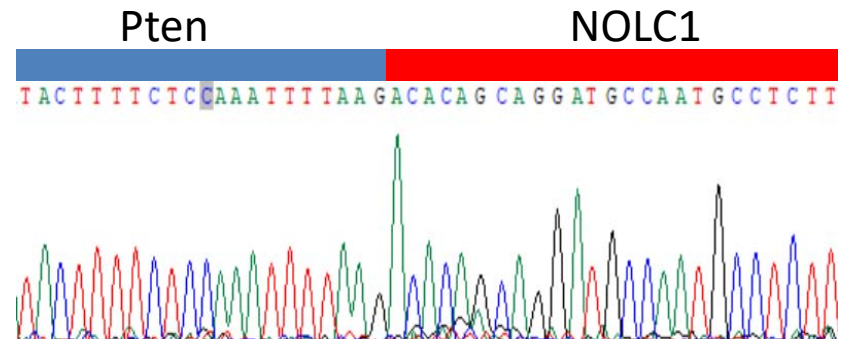
Sample #1



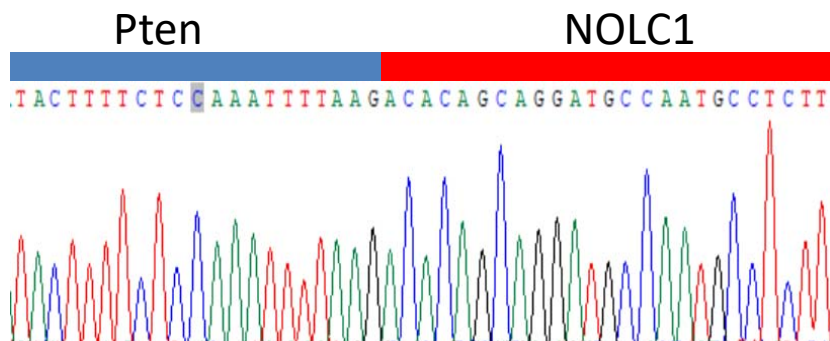
Sample #6



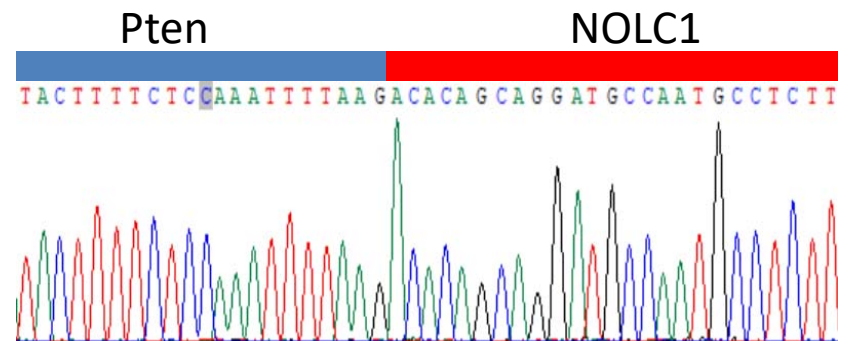
Sample #41



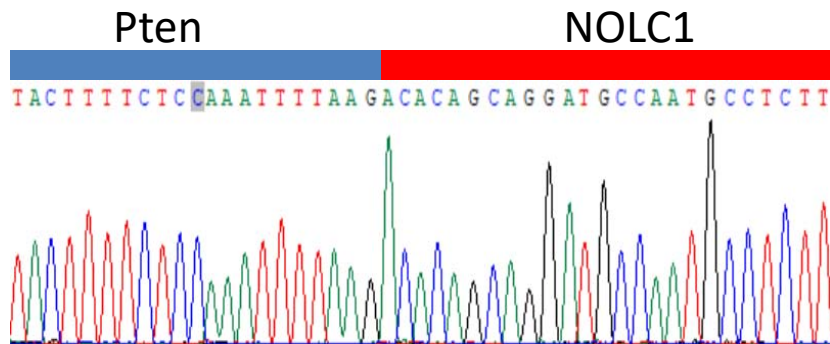
Sample #24



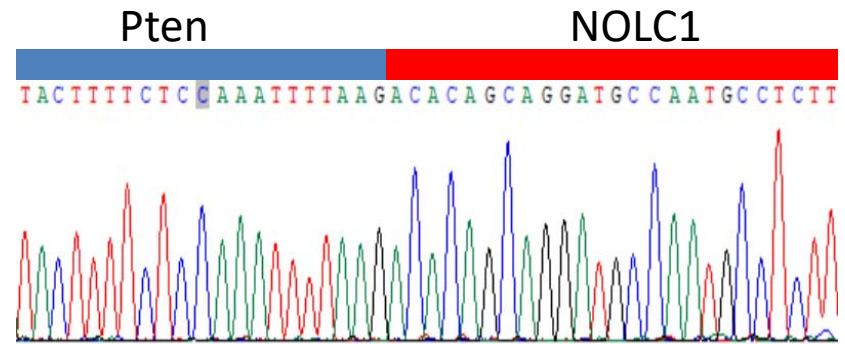
Sample #88



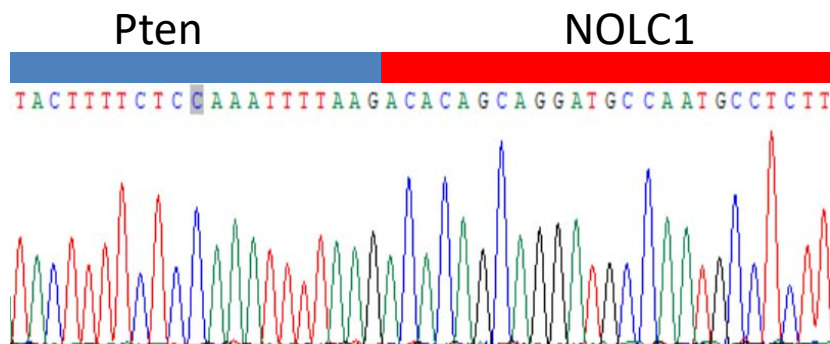
Sample #57



Sample #55



Sample #85



Sample #134

