

Figure 1

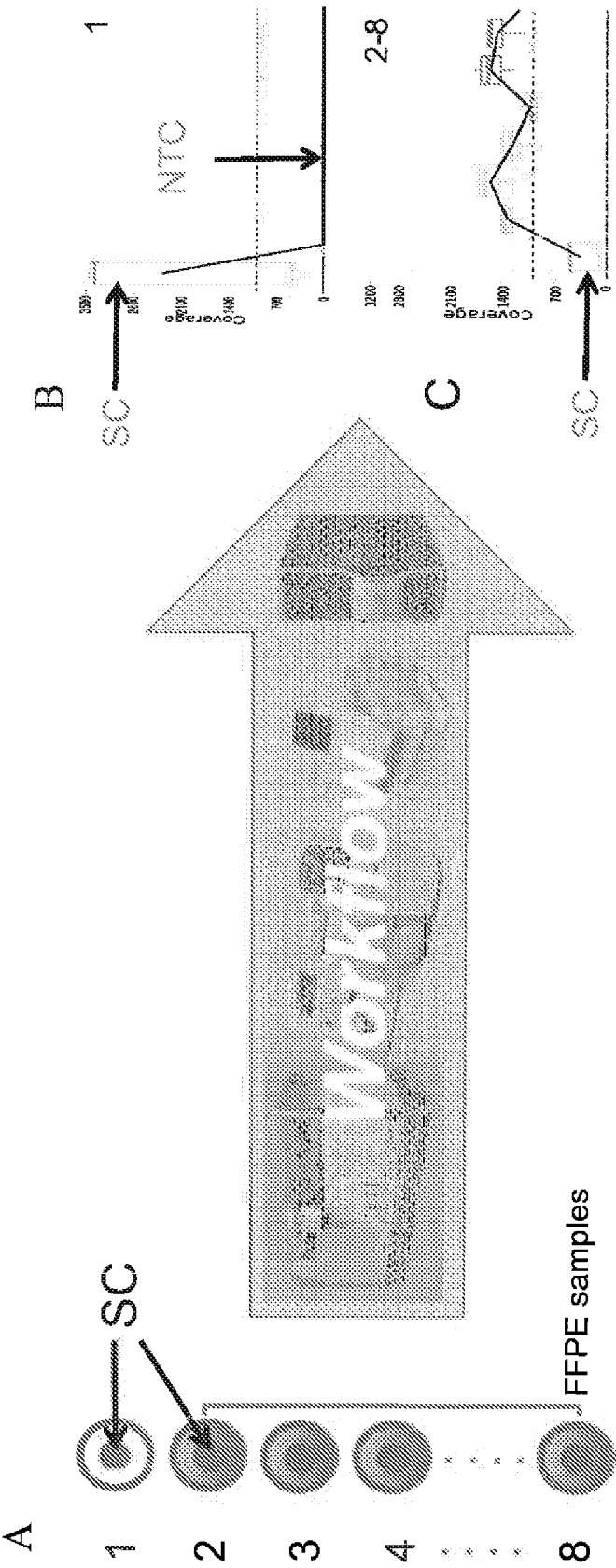


Fig. 2

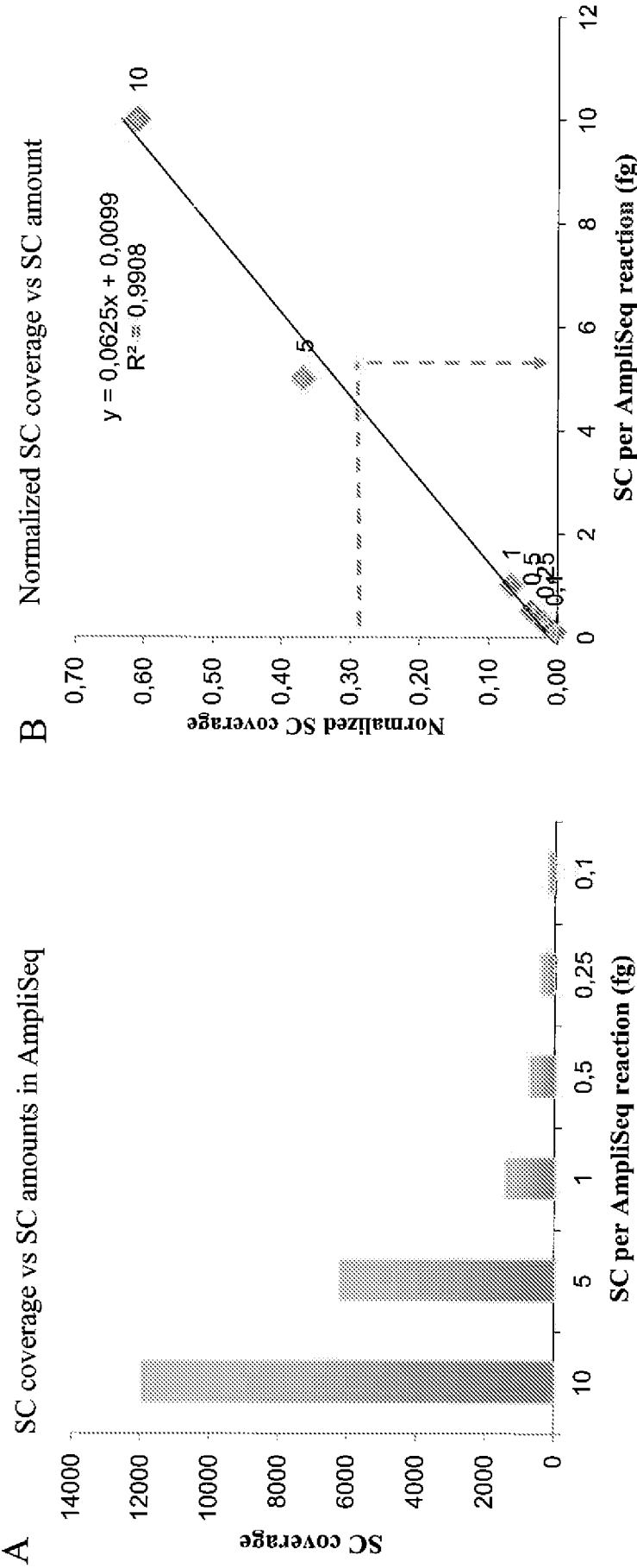


Fig. 3

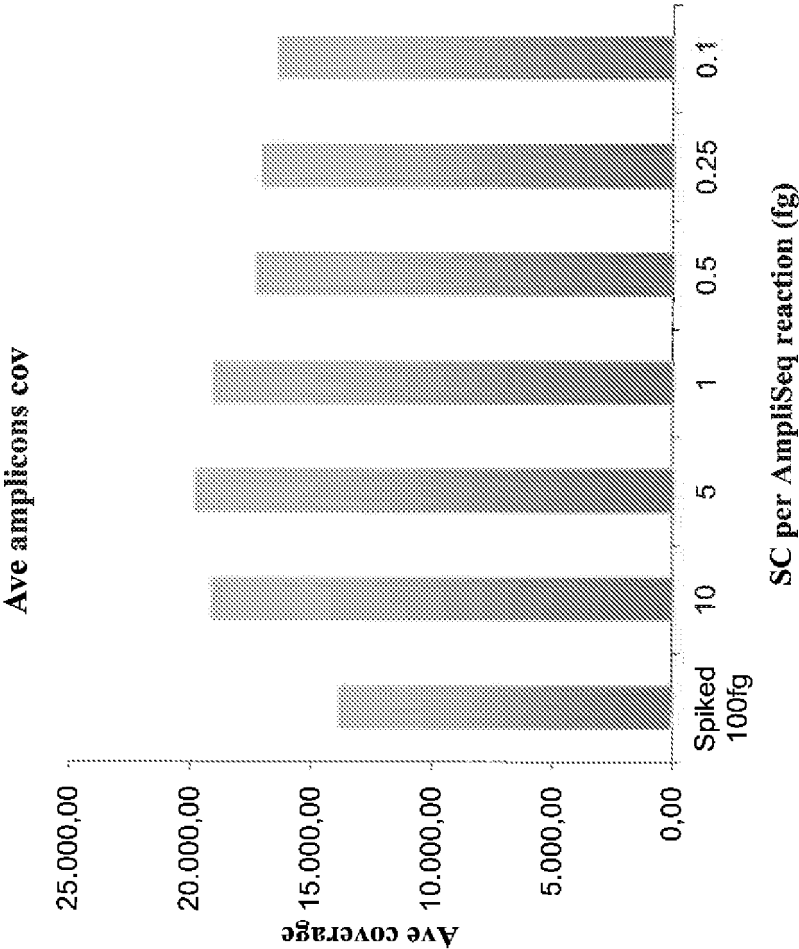


Fig. 4 A

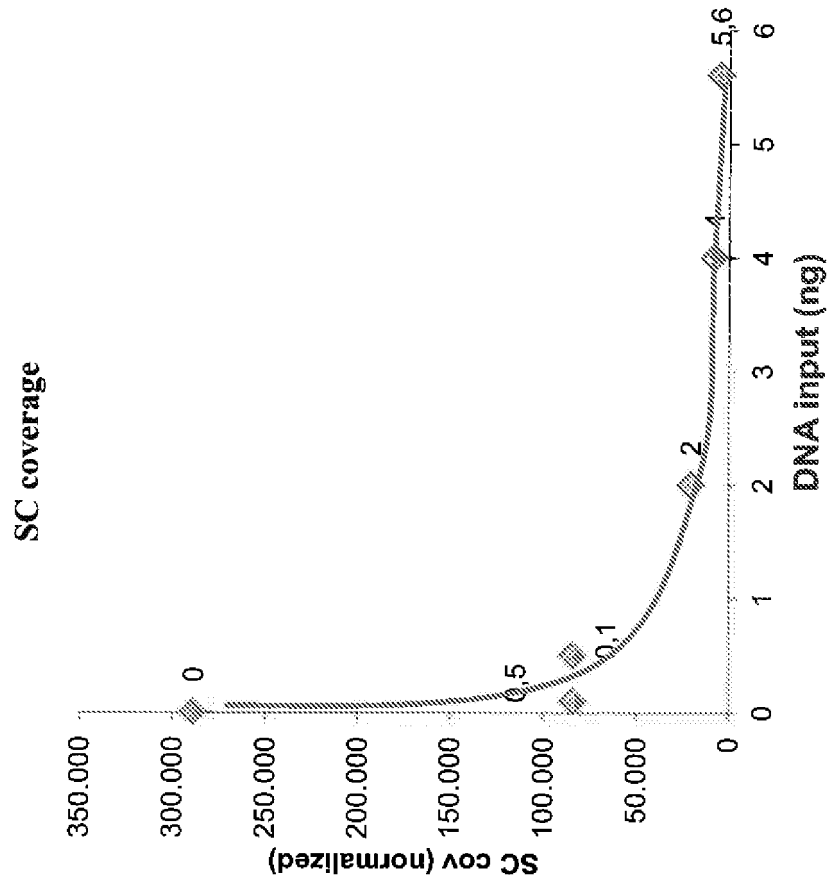


Fig. 4 B

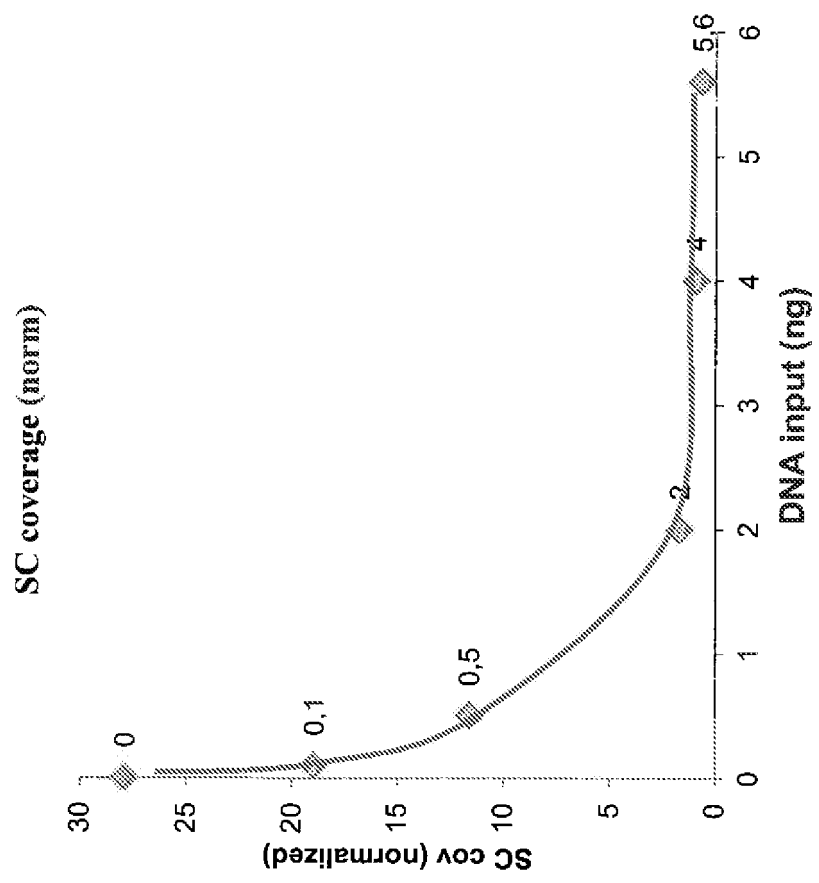
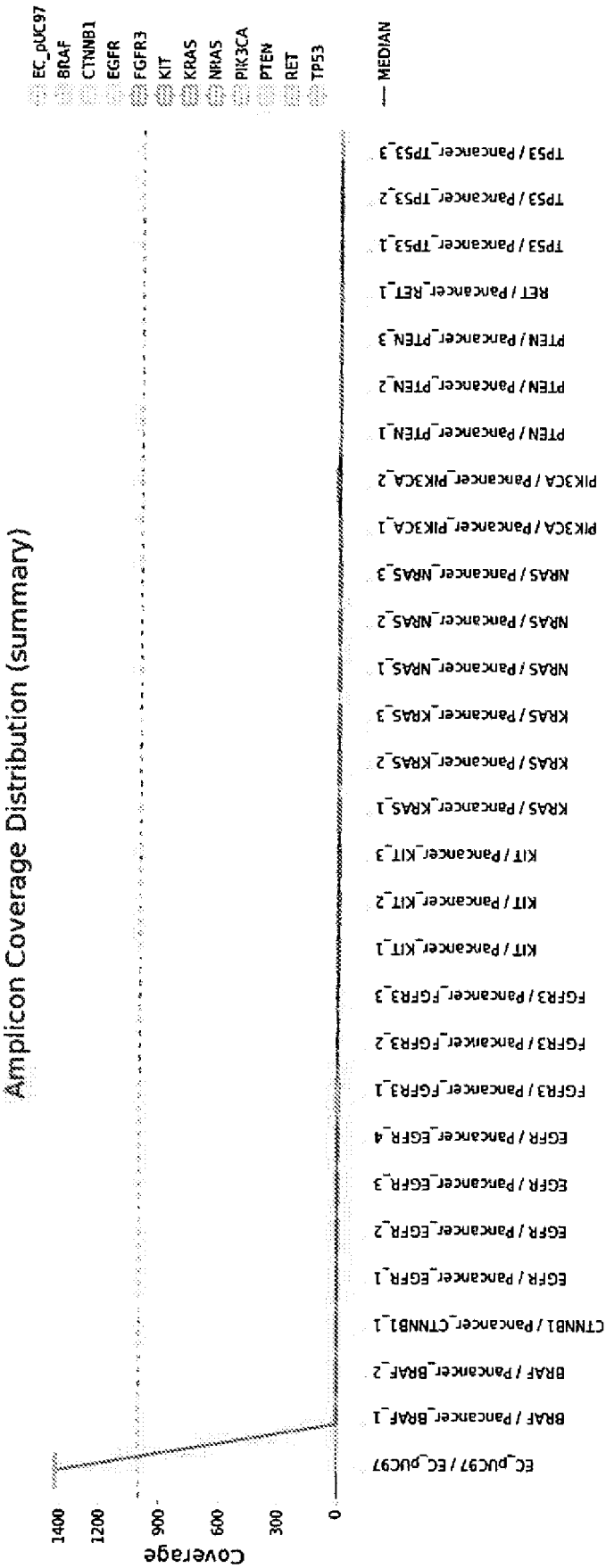


Fig. 5



Expected	5%	5%	5%
Target	EC_pUC97	EC_pUC97	EC_pUC97
Mutation	c.8G>A	delAAA	c.44 45CA>AG
35_1_Extracted NTC	10.60%	10.10%	9.60%
	1,374	1,410	1,406

Figure 6 – Table 1

Spike-In SC	Stand alone SC	Sample	Conclusion
+ / -	+	+	Successful run
+ / -	+	- (some amplicons)	Deletions in tumor DNA, PCR inhibition in sample. Variant calling in successful amplicons is possible.
+	+	- (all amplicons)	Low quality sample (DNA < LOD)
-	+	- (all amplicons)	Strong PCR inhibition in sample
-	-	-	General workflow failure
+ / -	+(no TMV amplicon)	+	Possible workflow failure, results are not reliable
+ / -	-(variant call errors)	+	Possible false positive / false negative variant calls
+ / -	-(human amplicons)	+	Possible contamination