



Correction to: Identification of novel mutations in FFPE lung adenocarcinomas using DEPArray sorting technology and next-generation sequencing

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In the original article, part of Table 1 headings and entries were missing. The correct Table is as shown below. The original article has been corrected.

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Table 1 Somatic mutations identified using sorted cell sequencing

Sample	Gene	Position	Ref	Alt	Type of alteration	NM number	AA change	Provean prediction	SIFT prediction	dbSNP ID	COSMIC ID	EXAC	1000 Genome	Unsorted cell sequencing	Sorted cell sequencing
#3	<i>EGFR</i>	chr7:55259515	T	G	missense	NM_005228	p.L858R	Deleterious	Deleterious	rs121434568	COSM6224			Detected	Detected
#3	<i>GNAQ</i>	chr9:80409491	C	-	frameshift deletion	NM_002072	p.G208 fs							Not detected	Detected
#5	<i>PTEV</i>	chr10:89624259	-	A	frameshift insertion	NM_000314	p.R11fs							Not detected	Detected
#6	<i>CTNNB1</i>	chr3:41266100	T	G	missense	NM_001098209	p.S33A	Deleterious	Deleterious		COSM5683			Detected	Detected
#6	<i>EGFR</i>	chr7:55242487	C	-	frameshift deletion	NM_005228	p.P753fs							Detected	Detected
#6	<i>PTEV</i>	chr10:89624259	-	A	frameshift insertion	NM_000314	p.R11fs							Not detected	Detected
#6	<i>RBI</i>	chr13:49033902	T	C	missense	NM_000321	p.I680T	Deleterious	Deleterious					Not detected	Detected
#6	<i>TP53</i>	chr17:7577082	C	G	missense	NM_001126115	p.E154Q	Deleterious	Deleterious					Not detected	Detected
#8	<i>KRAS</i>	chr12:25398284	C	T	missense	NM_004985	p.G12D	Deleterious	Deleterious	rs121913529	COSM1480057	Reported		Detected	Detected
#8	<i>RBI</i>	chr13:48941675	-	A	frameshift insertion	NM_000321	p.K329 fs	Deleterious	Deleterious		COSM521			Not detected	Detected
#8	<i>SMAD4</i>	chr18:48575161	-	T	frameshift insertion	NM_005359	p.F119 fs	Deleterious	Deleterious					Not detected	Detected
#9	<i>IDH1</i>	chr2:209113160	T	-	frameshift deletion	NM_001282386	p.N116 fs	Deleterious	Deleterious					Not detected	Detected
#9	<i>RBI</i>	chr13:48942687	A	-	frameshift deletion	NM_000321	p.R358fs	Deleterious	Deleterious					Not detected	Detected
#10	<i>TP53</i>	chr17:7577534	C	A	missense	NM_001126115	p.R117S	Deleterious	Deleterious	rs28934571	COSM131478			Detected	Detected
#12	<i>KRAS</i>	chr12:25398284	C	A	missense	NM_004985	p.G12 V	Deleterious	Deleterious	rs121913529	COSM1140133			Detected	Detected
#12	<i>CDKN2A</i>	chr9:21971125	-	A	frameshift insertion	NM_000077	p.L78 fs	Deleterious	Deleterious					Not detected	Detected
#14	<i>CTNNB1</i>	chr3:41266101	C	G	missense	NM_001098209	p.S33C	Deleterious	Deleterious	rs121913400	COSM5677			Detected	Detected
#17	<i>TP53</i>	chr17:7578398	-	G	frameshift insertion	NM_001126115	p.H46fs	Deleterious	Deleterious					Not detected	Detected
#18	<i>TP53</i>	chr17:7577538	C	T	missense	NM_001126115	p.R116Q	Deleterious	Deleterious	rs11540652	COSM99021	Reported		Detected	Detected
#20	<i>EGFR</i>	chr7:55259515	T	G	missense	NM_005228	p.L858R	Deleterious	Deleterious	rs121434568	COSM6224			Detected	Detected
#20	<i>PTEV</i>	chr10:89692866	A	C	missense	NM_000314	p.N117 T	Neutral	Tolerated					Detected	Detected
#21	<i>KIT</i>	chr4:55599301	T	C	silent	NM_000222	p.C809C							Detected	Detected
#21	<i>APC</i>	chr5:112175423	C	T	nonsense	NM_001127511	p.Q1360X	Deleterious	Deleterious	rs121913329	COSM18862			Detected	Detected
#21	<i>EGFR</i>	chr7:55259515	T	G	missense	NM_005228	p.L858R	Deleterious	Deleterious	rs121434568	COSM6224			Detected	Detected
#24	<i>PIK3CA</i>	chr3:178916857	T	-	frameshift deletion	NM_006218	p.F82 fs	Deleterious	Deleterious	rs141098973				Detected	Detected
#24	<i>HRAS</i>	chr11:534294	C	-	frameshift deletion	NM_001130442	p.G10 fs	Deleterious	Deleterious					Not detected	Detected
#25	<i>EGFR</i>	chr7:55259515	T	G	missense	NM_005228	p.L858R	Deleterious	Deleterious	rs121434568	COSM6224			Detected	Detected
#27	<i>NRAS</i>	chr1:115256529	T	C	missense	NM_002524	p.Q61R	Deleterious	Deleterious	rs11554290	COSM584			Detected	Detected
#27	<i>TP53</i>	chr17:7578203	C	A	missense	NM_001126115	p.Y84 L	Deleterious	Deleterious		COSM1386669			Detected	Detected
#28	<i>JAK3</i>	chr19:17945697	G	T	silent	NM_000215	p.G721G	Deleterious	Deleterious					Detected	Detected
#29	<i>TP53</i>	chr17:7577108	C	A	missense	NM_001126115	p.C145F	Deleterious	Deleterious					Detected	Detected
#29	<i>PTEV</i>	chr10:89624259	-	A	frameshift insertion	NM_000314	p.R11fs	Deleterious	Deleterious			Reported		Not detected	Detected
#31	<i>KRAS</i>	chr12:25398284	C	A	missense	NM_004985	p.G12 V	Deleterious	Deleterious	rs121913529	COSM1140133			Detected	Detected
#31	<i>TP53</i>	chr17:7578215	A	-	frameshift deletion	NM_001126115	p.F80 fs	Deleterious	Deleterious		COSM44358			Not detected	Detected

Ref seq, reference sequence; Alt seq, alternate sequence; AA, amino acid