

Supplementary Table 4. Validation results for the HBV integration sites

Sample	Chromosome	Position	Count	Strand	Function	Gene name	HBV location	HBV domain	Sanger validation
6T	Chr 5	1285170	754	Plus	Promoter	TERT	58	DNA polymerase, surface antigen	Yes
6T	Chr 5	1295193	230	Plus	Promoter	TERT	2,734	DNA polymerase	Yes
160T	Chr 5	1295233	38	Plus	Promoter	TERT	1,818	X protein, precore/core	No
160T	Chr 5	1295200	3,178	Plus	Promoter	TERT	267	DNA polymerase, surface antigen	Yes
275T	Chr 5	1284120	7,134	Plus	Intron	TERT	1,821	X protein, precore/core	Yes
275T	Chr 5	1292309	4,830	Plus	Intron	TERT	345	DNA polymerase, surface antigen	Yes
432T	Chr 5	1295171	630	Plus	Promoter	TERT	1,974	Precore/core	Yes
432T	Chr 5	1295227	222	Plus	Promoter	TERT	944	DNA polymerase	Yes
1648T	Chr 5	1295166	4,691	Plus	Promoter	TERT	1,918	Precore/core	Yes
1648T	Chr 5	1295264	4,258	Plus	Promoter	TERT	1,787	X protein	Yes
1660T	Chr 5	1295166	1	Minus	Promoter	TERT	1,914	Precore/core	No
T-170810	Chr 5	1295250	577	Plus	Promoter	TERT	2,612	DNA polymerase	Yes
T-170810	Chr 5	1295276	538	Plus	Promoter	TERT	259	DNA polymerase, surface antigen	Yes
T-180713	Chr 5	1295258	338	Plus	Promoter	TERT	1,814	X protein, precore/core	Yes
387T	Chr 19	36213221	2,585	Plus	Intron	MLL4	1,268	DNA polymerase	Yes
387T	Chr 19	36213231	1,478	Plus	Intron	MLL4	1,620	DNA polymerase, X protein	Yes
372T	Chr 19	36213725	3,863	Plus	Intron	MLL4	1,580	DNA polymerase, X protein	Yes
T-181016	Chr 19	36212913	4	Minus	Intron	MLL4	1,253	DNA polymerase	Yes

HBV, hepatitis B virus; Chr, chromosome.