

3e) Pre-S/S region of the 7 HBV/A sequences as well as the 2 OBI HBV/A pre-S/S sequences:

	Pre-S1						Pre-S2										S-region							
Site	5	73	78	97	102	114	1	7	19	22	24	28	35	37	38	4	45	106	194	200	207	217	224	
Consensus	L	G	S	T	G	E	M	T	G	F	A	N	V	T	T	I	S	V	V	Y	S	P	A	
203	I	.	T	A	E	D	I	P	.	.	.	S	A	N	I	T	T	.	A	.	N	.	V	
260	D	.	.	.	.	V	.	.	N	.	.	.	.	.	F	N	.	.	
299	
420	
443	
446	
471	.	S	.	.	.	D	.	.	S	L	V	.	.	N	.	.	.	.	.	.	R	L	V
296occult	I	.	.	.	.	.
405occult	I	.	.	.	.	.

Blue = amino acid variation exclusively detected in OBI sequences

Yellow = relevant amino acid substitutions discussed in the manuscript