## **Supplementary Table 1.** Characteristics of nine patients who received nivolumab treatment

Patient No.	Age	Gender	Etiology	Cirrhosis	AFP	Best response	Final response
1	60	М	NBNC	No	3,699	PD	PD
2	55	М	HBV	No	2.5	PR	PD
3	57	М	HBV	No	2.0	PD	PD
4	52	М	HBV	No	8,993	SD	PD
5	65	М	HBV	Yes	329.2	SD	PD
6	72	F	HBV	No	>120,000	SD	SD
7	65	М	HBV	Yes	2,253.0	PD	PD
8	77	М	HBV	No	476.5	PR	SD
9	51	М	HBV	Yes	>120,000	PD	PD

AFP, alpha-fetoprotein; M, male; NBNC, non-B non-C; PD, progressive disease; HBV, hepatitis B; PR, partial response; SD, stable disease; F, female.