

**Supplementary File S1. Clinical information of 425 patients with HBV infection**

<b>Patient</b>	<b>ARID1A</b>	<b>Age</b>
H050226	Normal	41-60
H050267	Normal	41-60
H050313	Normal	41-60
H050329	Normal	41-60
H050350	Normal	41-60
H050401	Normal	41-60
H050420	Normal	41-60
H050452	Normal	61-80
H050510	Normal	61-80
H050566	Normal	20-40
H050572	Normal	41-60
H050604	Normal	41-60
H060030	Normal	41-60
H060098	Deficiency	41-60
H060115	Normal	41-60
H060236	Normal	41-60
H060264	Normal	61-80
H060362	Normal	41-60
H060509	Normal	61-80
H060555	Normal	61-80
H060607	Normal	61-80
H060616	Normal	41-60
H060617	Normal	41-60
H060664	Normal	41-60
H060670	Deficiency	41-60
H060674	Normal	41-60
H060690	Normal	41-60
H060795	Normal	41-60
H060859	Normal	41-60
H061039	Normal	41-60
H061142	Normal	41-60
H061840	Normal	41-60
H062024	Normal	20-40
H070487	Normal	41-60
H070599	Normal	41-60
H071380	Normal	41-60
H071591	Normal	41-60
H071859	Normal	20-40
H071899	Normal	41-60
H071904	Normal	41-60
H071941	Normal	41-60
H072012	Normal	61-80
H072032	Normal	20-40
H072059	Normal	41-60
H072103	Normal	41-60
H072441	Normal	20-40
H072447	Normal	41-60
H072511	Normal	61-80
H072525	Normal	20-40
H072543	Normal	41-60
H072601	Normal	41-60
H072623	Normal	41-60
H072749	Normal	61-80
H072777	Normal	41-60
H072813	Normal	41-60
H072820	Normal	41-60
H072849	Normal	41-60
H072896	Deficiency	41-60
H072926	Normal	41-60
H072932	Normal	41-60
H072961	Normal	20-40
H072992	Normal	41-60

H072999	Normal	41-60
H080015	Normal	41-60
H080025	Normal	41-60
H080037	Normal	61-80
H080061	Normal	41-60
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H080782	Normal	41-60
H080854	Normal	41-60
H080895	Deficiency	41-60
H080931	Normal	61-80
H080971	Normal	41-60
H081003	Normal	61-80
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H093134	Normal	41-60
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H104351	Normal	20-40
H104362	Normal	41-60
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H104656	Normal	41-60
H104773	Normal	41-60
H105140	Normal	41-60
H110058	Normal	41-60
H110061	Normal	61-80
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H110146	Normal	41-60
H110261	Normal	41-60
H110362	Normal	41-60
H110379	Normal	61-80
H110451	Normal	41-60
H110467	Normal	61-80
H110669	Normal	20-40
H110702	Normal	41-60
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H110773	Normal	61-80
H110795	Normal	41-60
H110908	Normal	41-60
H111183	Normal	61-80
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H112288	Normal	61-80
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H112345	Normal	41-60
H112352	Normal	61-80
H112562	Normal	61-80
H112665	Normal	41-60
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T1045	Normal	61-80
T112	Normal	61-80
T113	Deficiency	41-60
T127	Normal	61-80
T141	Normal	>80
T187	Deficiency	41-60
T191	Deficiency	41-60
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T385	Deficiency	61-80
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T413	Deficiency	41-60
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T451	Deficiency	61-80
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T573	Deficiency	41-60
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T635	Normal	61-80
T641	Normal	41-60
T647	Normal	20-40
T661	Normal	41-60
T663	Normal	41-60
T665	Deficiency	41-60
T671	Normal	41-60
T685	Normal	41-60
T695	Normal	61-80
T713	Normal	41-60
T715	Deficiency	41-60
T721	Normal	61-80
T724	Normal	>80
T727	Normal	61-80
T737	Normal	41-60
T741	Normal	41-60
T743	Normal	20-40
T745	Normal	41-60
T755	Deficiency	61-80
T777	Normal	20-40
T785	Normal	41-60
T813	Normal	41-60
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T817	Normal	41-60
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T851	Deficiency	61-80
T857	Normal	61-80
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T873	Deficiency	41-60
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T923	Deficiency	41-60
T925	Normal	61-80
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T955	Normal	41-60
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T963	Normal	41-60
T965	Normal	61-80
T967	Normal	41-60
T975	Deficiency	20-40
T977	Normal	41-60
T981	Normal	61-80
T983	Normal	20-40
TCGA-BC-A10W-01	Deficiency	41-60

TCGA-BW-A5NP-01	Normal	20-40
TCGA-CC-5258-01	Deficiency	41-60
TCGA-CC-5259-01	Normal	41-60
TCGA-CC-5262-01	Deficiency	61-80
TCGA-CC-5263-01	Normal	20-40
TCGA-CC-5264-01	Normal	61-80
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TCGA-CC-A3MB-01	Normal	20-40
TCGA-CC-A3MC-01	Normal	41-60
TCGA-CC-A5UC-01	Normal	61-80
TCGA-CC-A5UD-01	Normal	41-60
TCGA-CC-A5UE-01	Normal	41-60
TCGA-CC-A7IG-01	Normal	41-60
TCGA-CC-A7II-01	Normal	41-60
TCGA-CC-A7IK-01	Normal	41-60
TCGA-CC-A7IL-01	Normal	61-80
TCGA-CC-A9FU-01	Normal	41-60
TCGA-DD-A116-01	Normal	61-80
TCGA-DD-A119-01	Normal	20-40
TCGA-DD-A11A-01	Normal	61-80
TCGA-DD-A1EH-01	Deficiency	20-40
TCGA-DD-A1EI-01	Normal	41-60
TCGA-DD-A1EL-01	Normal	20-40
TCGA-DD-A3A3-01	Normal	41-60
TCGA-DD-A4NK-01	Normal	61-80
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TCGA-DD-AAC8-01	Normal	61-80
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TCGA-DD-AACD-01	Normal	41-60
TCGA-DD-AACE-01	Normal	61-80
TCGA-DD-AACG-01	Deficiency	41-60
TCGA-DD-AACH-01	Normal	61-80
TCGA-DD-AACK-01	Deficiency	61-80
TCGA-DD-AACM-01	Normal	41-60
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TCGA-DD-AADI-01	Normal	41-60
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TCGA-DD-AADP-01	Deficiency	41-60
TCGA-DD-AADW-01	Normal	41-60
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TCGA-DD-AAVW-01	Normal	20-40
TCGA-DD-AAVX-01	Deficiency	20-40
TCGA-DD-AAVZ-01	Normal	20-40
TCGA-DD-AAW0-01	Normal	41-60
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TCGA-ED-A7PX-01	Normal	41-60
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TCGA-ED-A7PZ-01	Normal	61-80
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TCGA-ED-A7XP-01	Normal	41-60
TCGA-G3-A25U-01	Normal	61-80
TCGA-G3-A25Y-01	Normal	41-60
TCGA-G3-A25Z-01	Normal	41-60
TCGA-G3-A3CH-01	Normal	41-60
TCGA-G3-A3CK-01	Normal	61-80
TCGA-G3-AAV0-01	Normal	41-60
TCGA-G3-AAV1-01	Normal	41-60
TCGA-G3-AAV4-01	Normal	>80
TCGA-G3-AAV6-01	Normal	41-60
TCGA-G3-AAV7-01	Normal	20-40
TCGA-K7-A6G5-01	Normal	61-80
TCGA-O8-A75V-01	Normal	41-60
TCGA-QA-A7B7-01	Normal	41-60
TCGA-RC-A7S9-01	Normal	41-60
TCGA-RC-A7SB-01	Normal	41-60
TCGA-RC-A7SH-01	Normal	41-60
TCGA-UB-A7MC-01	Normal	41-60
TCGA-UB-A7ME-01	Normal	41-60
TCGA-UB-A7MF-01	Normal	41-60
TCGA-XR-A8TF-01	Deficiency	61-80
TCGA-ZP-A9CZ-01	Normal	61-80





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