

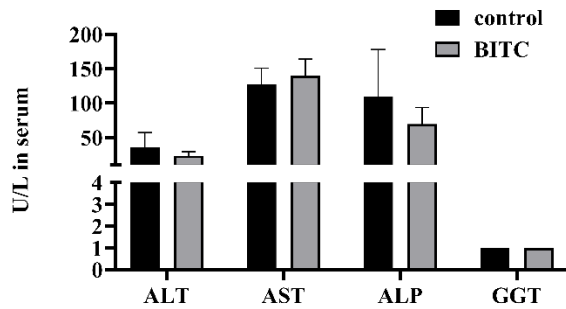
1 **Additional file**

2 **Table S1 Serum chemistry of xenotransplant mice**

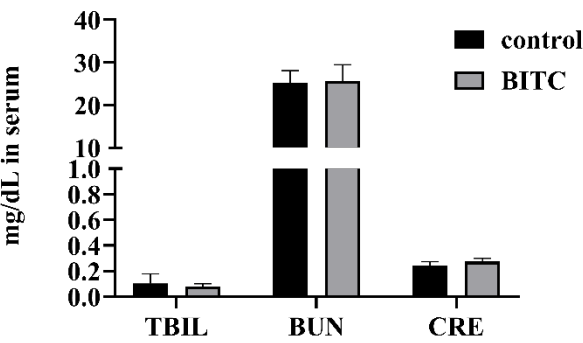
group	ALT	AST	ALP	GGT	TBIL	BUN	CRE
	U/L	U/L	U/L	U/L	mg/dL	mg/dL	mg/dL
control	27	89	203	<1.0	0.06	22.83	0.26
	28	141	192	<1.0	0.23	27.41	0.21
	29	142	65	<1.0	0.10	29.46	0.29
	29	154	72	<1.0	<0.02	21.93	0.23
	29	122	70	<1.0	0.09	25.88	0.25
	20	114	52	<1.0	0.04	23.42	0.21
mean ± SD	27±3.52	127±23.61	109±60.00	-	0.10±0.07	25.16±2.93	0.24±0.03
BITC	28	146	55	<1.0	0.04	29.09	0.27
	12	112	50	<1.0	0.07	20.20	0.29
	23	137	80	<1.0	0.09	24.44	0.30
	24	114	70	<1.0	0.10	22.63	0.29
	23	150	48	<1.0	0.07	28.67	0.27
	29	178	112	<1.0	0.10	29.00	0.23
mean ± SD	23.17±6.04	139.50±24.68	69.17±24.36	-	0.07±0.02	25.67±3.80	0.27±0.02

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4 **Fig. S1**

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6 **a**



12 **b**



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