

Supplementary material

Table S1: Summary of two-way ANOVA results on effects of feed type and season on the biochemical indicators of *Acipenser sinensis*.

Factor	Degree of freedom	Mean square	F	P
ALT				
Feed type	1	2340.694	34.008	0.000
Season	3	1194.252	17.351	0.000
Feed type * Season	3	136.068	1.977	0.118
AST				
Feed type	1	1086.792	0.521	0.471
Season	3	20596.274	9.883	0.000
Feed type * Season	3	5444.283	2.612	0.052
AST/ALT				
Feed type	1	615.490	8.936	0.003
Season	3	279.966	4.065	0.008
Feed type * Season	3	22.067	0.320	0.811
LDH				
Feed type	1	5830.380	0.038	0.845
Season	3	1432580.839	9.429	0.000
Feed type * Season	3	202464.532	1.333	0.265
ALP				
Feed type	1	533.974	2.116	0.147
Season	3	3528.892	13.981	0.000
Feed type * Season	3	182.028	0.721	0.540
TP				
Feed type	1	1863.996	27.394	0.000
Season	3	882.892	12.975	0.000
Feed type * Season	3	346.036	5.085	0.002
ALB				
Feed type	1	1261.521	51.510	0.000
Season	3	144.541	5.902	0.001
Feed type * Season	3	112.058	4.575	0.004
GLO				
Feed type	1	58.616	2.829	0.090
Season	3	491.329	23.709	0.000
Feed type * Season	3	71.490	3.450	0.017
A/G				
Feed type	1	2.068	39.129	0.000
Season	3	1.210	22.898	0.000
Feed type * Season	3	0.080	1.519	0.210
CRP				
Feed type	1	1630.775	8.841	0.003
Season	3	514.109	2.787	0.041

Feed type * Season	3	400.207	2.170	0.092
TG				
Feed type	1	74.204	28.276	0.000
Season	3	7.598	2.895	0.036
Feed type * Season	3	14.241	5.427	0.001
CHOL				
Feed type	1	126.257	153.322	0.000
Season	3	2.149	2.610	0.052
Feed type * Season	3	3.387	4.112	0.007
HDL				
Feed type	1	15.319	124.604	0.000
Season	3	0.035	0.288	0.834
Feed type * Season	3	0.373	3.038	0.030
LDL				
Feed type	1	9.899	155.429	0.000
Season	3	0.656	10.298	0.000
Feed type * Season	3	0.248	3.896	0.010
