

Table S1 Standard commercial mouse feed

Component	Content
corn	320 g kg ⁻¹
bran	260 g kg ⁻¹
soybean cake	290 g kg ⁻¹
salt	10 g kg ⁻¹
bone meal	10 g kg ⁻¹
lysine	10 g kg ⁻¹
water	100 g kg ⁻¹

Table S2 Gradient elution procedure

Procedure	Time(min)	Intervals(min)	%A	%B	Notes
0	0	0	60	40	Injection
1	3	3	70	30	Gradient elution
2	6	3	78	22	Gradient elution
3	10	4	78	22	Gradient elution
4	15	5	98	2	Gradient elution
5	17	2	98	2	Isocratic elution
6	18	1	60	40	Gradient elution
7	23	5	60	40	Isocratic elution