

Supplementary Table 4 Viable Cell Density and Relative Titer in two miR-modified Ab-producing CHO cell lines. Shown are the means  $\pm$  SD of triplicate VCD values shown as cells ( $\times 10^6$ )/mL and means of triplicate titer values compared to the baseline value (day 2) from the parental CHO cell line

Cell Line 1						
Day	Parent		Control		anti-miR let-7a	
	VCD	Relative Titer	VCD	Relative Titer	VCD	Relative Titer
0	0.5 $\pm$ 0.00	ND	0.5 $\pm$ 0.00	ND	0.5 $\pm$ 0.00	ND
2	1.56 $\pm$ 0.14	1	1.82 $\pm$ 0.32	1	1.96 $\pm$ 0.53	1.41
4	4.14 $\pm$ 0.13	2.91	5.50 $\pm$ 0.98	3.06	5.29 $\pm$ 1.02	4.17
6	8.19 $\pm$ 0.54	10.26	9.63 $\pm$ 1.36	9.78	6.57 $\pm$ 0.59	10.22
8	12.21 $\pm$ 0.82	25.26	10.62 $\pm$ 1.27	17.07	6.37 $\pm$ 0.99	21.15
10	11.4 $\pm$ 0.30	26.73	10.29 $\pm$ 1.31	28.67	6.04 $\pm$ 0.87	25.73
12	11.40 $\pm$ 0.67	35.81	9.53 $\pm$ 0.82	30.95	6.44 $\pm$ 0.52	33.98
14	11.07 $\pm$ 1.71	37.52	4.83 $\pm$ 3	34.05	6.25 $\pm$ 1.44	33.5

Cell Line 2						
Day	Parent		Control		anti-miR let-7a	
	VCD	Relative Titer	VCD	Relative Titer	VCD	Relative Titer
2	1.51 $\pm$ 0.03	ND	1.51 $\pm$ 0.06	ND	1.81 $\pm$ 0.11	ND
5	3.63 $\pm$ 0.17	1	3.63 $\pm$ 0.29	1	2.40 $\pm$ 0.22	1.18
7	4.17 $\pm$ 0.2	1.76	4.09 $\pm$ 0.29	1.74	2.37 $\pm$ 0.03	1.87
9	3.97 $\pm$ 0.24	2.46	4.02 $\pm$ 0.21	2.49	2.52 $\pm$ 0.05	2.48
11	3.83 $\pm$ 0.07	3.75	3.61 $\pm$ 0.23	3.88	2.57 $\pm$ 0.05	3.67
13	3.52 $\pm$ 0.17	4.51	3.53 $\pm$ 0.09	4.67	2.42 $\pm$ 0.16	4.42
15	3.56 $\pm$ 0.25	4.99	3.30 $\pm$ 0.07	5.07	2.48 $\pm$ 0.37	5.4
17	2.00 $\pm$ 0.89	5.54	2.13 $\pm$ 1.53	5.37	2.56 $\pm$ 0.13	4.97