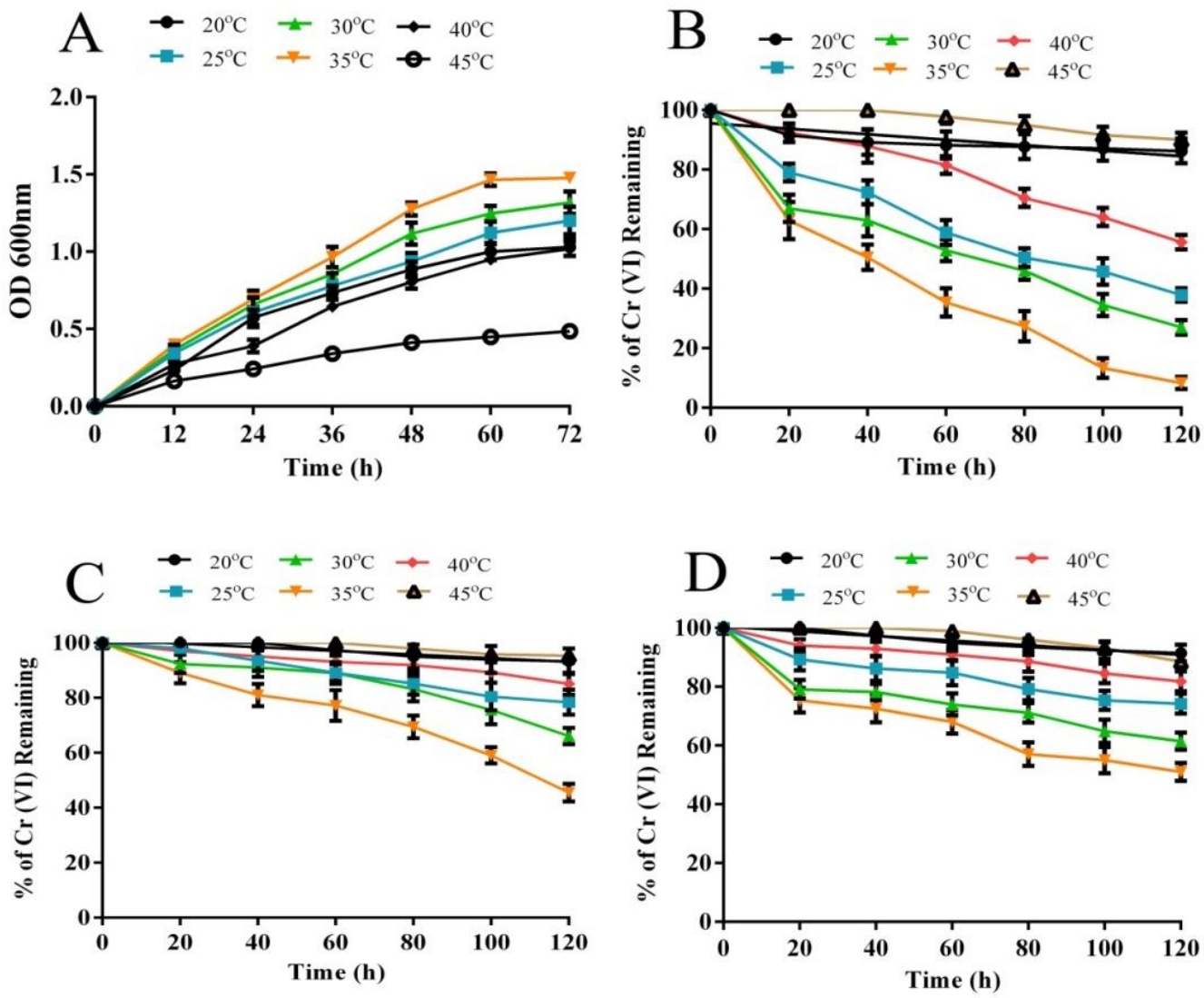
Alleviation of Cr(VI) Toxicity and Improve Phytostabilization Potential of *Vigna radiata* Using a Novel Cr(VI) Reducing Multi-Stress-Tolerant Plant Growth Promoting Rhizobacterial Strain *Bacillus flexus* M2

Supplementary figures



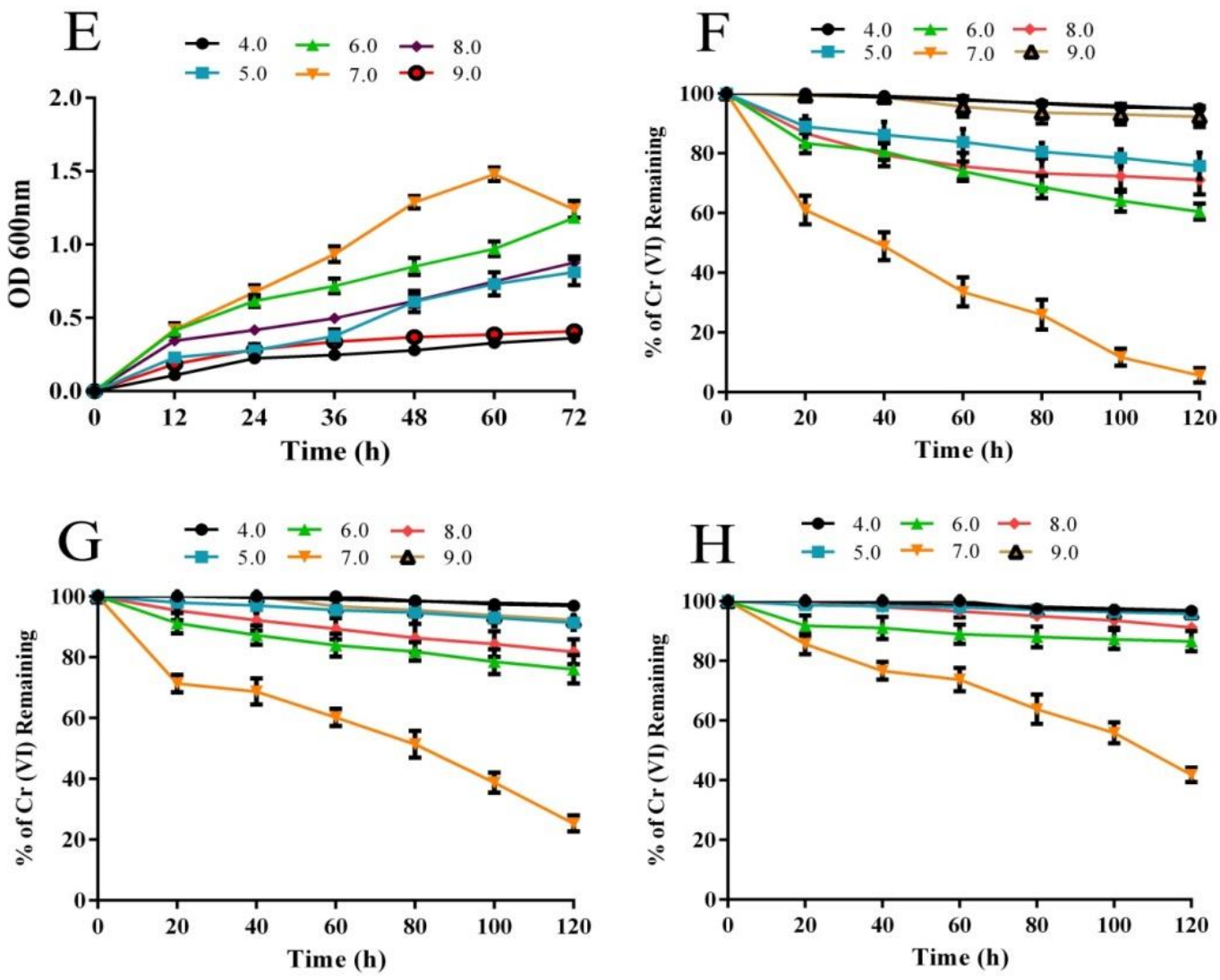
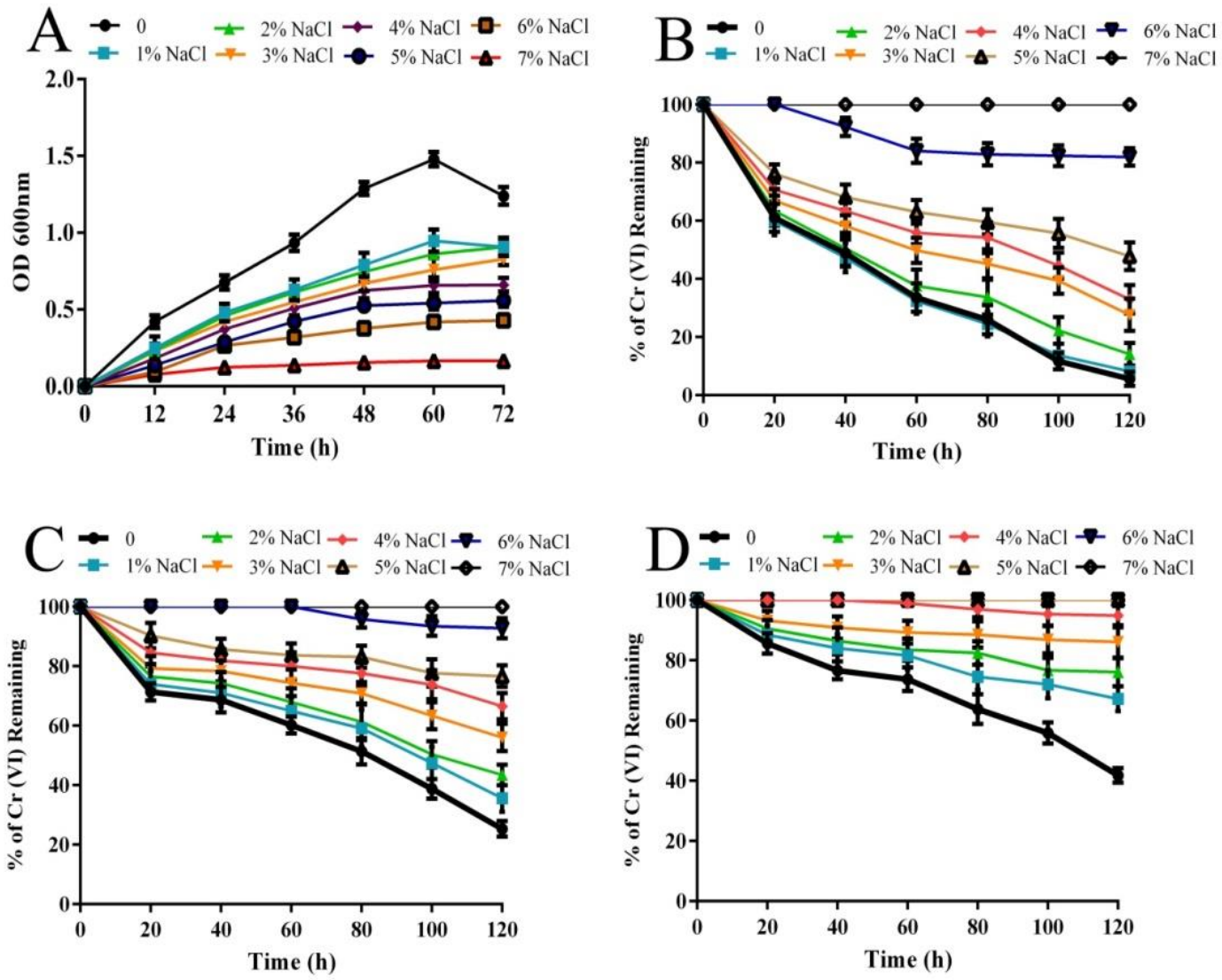


Figure S1. (A) Temperature tolerance by the rhizobacterial strain M2; influence of different temperatures on Cr(VI) reduction by the rhizobacterial strain M2 **(B)** Cr(VI) 100 mg/l, **(C)** Cr(VI) 200 mg/l, and **(D)** Cr(VI) 300 mg/l; **(E)** pH tolerance by the rhizobacterial strain M2; influence of different pH on Cr(VI) reduction by the rhizobacterial strain M2 **(F)** Cr(VI) 100 mg/l, **(G)** Cr(VI) 200 mg/l, and **(H)** Cr(VI) 300 mg/l.


A
0
1% NaCl
2% NaCl
3% NaCl
4% NaCl
5% NaCl
6% NaCl
7% NaCl
OD 600nm
Time (h)
B
% of Cr (VI) Remaining
Time (h)
C
% of Cr (VI) Remaining
Time (h)
D
% of Cr (VI) Remaining
Time (h)

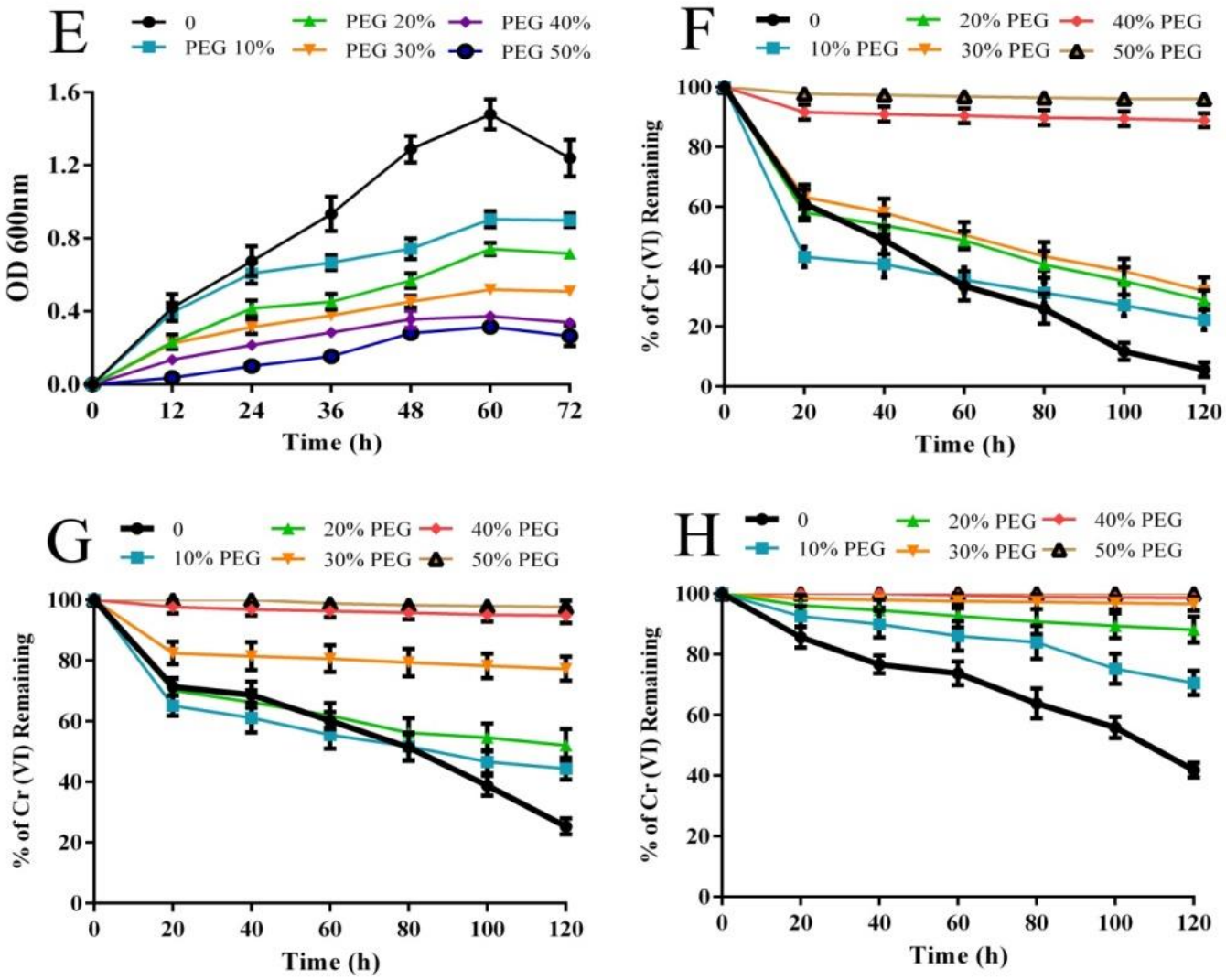


Figure S2. (A) NaCl tolerance ability of the rhizobacterial strain M2; influence of different NaCl concentration on Cr(VI) reduction by the rhizobacterial strain M2 **(B)** Cr(VI) 100 mg/l, **(C)** Cr(VI) 200 mg/l and **(D)** Cr(VI) 300 mg/l; **(E)** PEG tolerance ability of the rhizobacterial strain M2; influence of different PEG concentration on Cr(VI) reduction by the rhizobacterial strain M2 **(F)** Cr(VI) 100 mg/l, **(G)** Cr(VI) 200 mg/l and **(H)** Cr(VI) 300 mg/l.