Table S5 Ratios of different selenite species at different pH<sup>a</sup>.

| рН  | Ratio (%)                       |                                 |              |
|-----|---------------------------------|---------------------------------|--------------|
|     | H <sub>2</sub> SeO <sub>3</sub> | HSeO <sub>3</sub> <sup>1-</sup> | $SeO_3^{2-}$ |
| 5.5 | 0.111                           | 92.575                          | 7.313        |
| 6.5 | $6.545 \times 10^{-3}$          | 55.844                          | 44.156       |
| 7.5 | $1.316 \times 10^{-4}$          | 11.227                          | 88.773       |

a: The ratios were calculated based on the acid dissociation constants of  $H_2SeO_3$  ( $K_1$ =2.7×10<sup>-3</sup>,  $K_2$ =2.5×10<sup>-7</sup>).