**Table S1.** Correlation analysis between Se dose treatment and seed Se concentration in the pea seed varieties investigated.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Year** | **Variety** | **Regression equation** | **r2** | **P-value** |
| 2014 | Ambassador | y = 0.0479x + 0.1174 | 0.999 | 0.017 |
| 2014 | Premium | y = 0.0768x + 0.2556 | 0.998 | 0.027 |
| 2015 | Ambassador | y = 0.0286x + 0.0246 | 0.986 | 0.075 |
| 2015 | Premium | y = 0.0567x + 0.1645 | 0.998 | 0.029 |