|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Transgenic plant line | Total no. of tested seeds per plate | Resistant to hygromycin (R) | Susceptible to hygromycin (S) | Ratio (R:S) | Χ2 value |
| L2 | 60 | 44 | 16 | 2.8:1 | 0.07\* |
| L7 | 60 | 45 | 15 | 3:1 | 0.03\* |

**Table S3: Segregation analysis of transgenic lines over-expressing OsHBP1b**

All Χ2 value indicated significant fit the Mendelian segregation ratio 3:1 (p<0.05)