**Table S4.** Amino acid sequence homology between DIR22 from *Glycine max* (accession number: ADX66343.1) and UdDIRs from subfamily-b/d. The alignment was performed using BLASTP at NCBI.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Genes | Total score | Query cover (%) | E value | Identity (%) |
| UdDIR1 | 156 | 100 | 1E-52 | 38.62 |
| UdDIR2 | 160 | 85 | 3E-54 | 45.62 |
| UdDIR6 | 112 | 70 | 1E-35 | 39.55 |
| UdDIR7 | 124 | 73 | 8E-41 | 41.73 |
| UdDIR9 | 145 | 81 | 1E-48 | 44.81 |
| UdDIR10 | 81.3 | 44 | 1E-24 | 40.96 |
| UdDIR11 | 149 | 76 | 4E-43 | 45.99 |