Proximate composition of a 103 interspecific RIL population its progenitors (*A. hypogaea* and amphidiploid) and the wild species from which the amphidiploid was obtained. Compositional values in percentage on dry weight of ash, raw fiber, oil, total sugar and protein.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Genotype | Ashes % | | Fibre % | | Oil % | | *Total sugar %* | | Protein % | |
| Mean | SD | Mean | SD | Mean | SD | Mean | SD | Mean | SD |
| 17304-7-B | 2.31 | ±0.35 | 11.38 | ±0.1 | 53.28 | ±0.23 | 4.44 | ±0.14 | 28 | ±0.26 |
| A. batizocoi | 2.76 | ±0.2 | 9.29 | ±0.08 | 51.33 | ±0.52 | 3.6 | ±0.02 | 33.06 | ±0.08 |
| A. cardenasii | 3.24 | ±0.1 | 7.68 | ±0.12 | 53.61 | ±0.17 | 2.97 | ±0.06 | 32.54 | ±0.17 |
| A. correntina | 3.05 | ±0.05 | 9.15 | ±0.02 | 48.43 | ±0.51 | 3.54 | ±0.03 | 35.86 | ±0.08 |
| JS1806 | 2.46 | ±0.21 | 11.12 | ±0.09 | 48.88 | ±1.18 | 4.31 | ±0.05 | 33.28 | ±0.35 |
| R01 | 2.24 | ±0.17 | 11.99 | ±0.13 | 48.7 | ±0.1 | 3.14 | ±0.13 | 33.9 | ±0.63 |
| R02 | 2.88 | ±0.13 | 11.69 | ±0.02 | 50.64 | ±0.33 | 3.83 | ±0.09 | 31.06 | ±0.5 |
| R03 | 2.65 | ±0.08 | 11.24 | ±0.08 | 51.32 | ±0.22 | 3.68 | ±0.1 | 27.9 | ±0.65 |
| R04 | 2.54 | ±0.15 | 10.17 | ±0.09 | 52.93 | ±0.45 | 5.23 | ±0.01 | 26.82 | ±0.51 |
| R05 | 2.45 | ±0.21 | 11.07 | ±0.17 | 50.08 | ±0.6 | 4.81 | ±0.08 | 25.73 | ±0.65 |
| R06 | 2.43 | ±0.07 | 10.82 | ±0.1 | 52.73 | ±0 | 4.23 | ±0.2 | 29.83 | ±0.17 |
| R07 | 2.45 | ±0.03 | 10.64 | ±0.26 | 52.78 | ±0.51 | 4.83 | ±0.22 | 25.16 | ±0.09 |
| R08 | 2.5 | ±0.05 | 10.61 | ±0.02 | 53.91 | ±0.23 | 4.81 | ±0.06 | 28.31 | ±0.34 |
| R09 | 2.52 | ±0.22 | 11.79 | ±0.23 | 48.8 | ±0.69 | 3.75 | ±0.18 | 33.32 | ±0.43 |
| R10 | 2.38 | ±0.03 | 11.58 | ±0.06 | 53.47 | ±0.45 | 3.37 | ±0.03 | 29.24 | ±0.37 |
| R11 | 2.98 | ±0.05 | 11.27 | ±0.07 | 51.43 | ±0.18 | 3.84 | ±0.11 | 30.36 | ±0.26 |
| R12 | 2.87 | ±0.1 | 10.82 | ±0.13 | 48.8 | ±0.43 | 4.31 | ±0.24 | 33.25 | ±0.55 |
| R13 | 2.59 | ±0.03 | 11.5 | ±0.02 | 48.21 | ±0.16 | 2.92 | ±0.04 | 34.64 | ±0.17 |
| R14 | 2.62 | ±0.04 | 10.81 | ±0.06 | 52.46 | ±0.71 | 4.68 | ±0.03 | 26.86 | ±0.85 |
| R15 | 3.07 | ±0.07 | 11.67 | ±0.14 | 50.89 | ±1.57 | 3.56 | ±0.01 | 30.85 | ±1.41 |
| R16 | 2.4 | ±0.12 | 11.38 | ±0.08 | 49.87 | ±0.12 | 3.44 | ±0.08 | 32.9 | ±0.31 |
| R17 | 2.47 | ±0.06 | 11.21 | ±0.24 | 52.39 | ±0.05 | 4.21 | ±0.28 | 23.3 | ±0.05 |
| R18 | 2.96 | ±0.05 | 11.22 | ±0.06 | 50.61 | ±0.03 | 3.77 | ±0 | 31.45 | ±0.14 |
| R19 | 2.48 | ±0.09 | 11.46 | ±0.07 | 50.34 | ±0.09 | 3.75 | ±0.03 | 32.01 | ±0.26 |
| R20 | 2.67 | ±0.14 | 10.82 | ±0.19 | 53.31 | ±0.87 | 5.32 | ±0.02 | 26.61 | ±0.85 |
| R21 | 2.13 | ±0.21 | 11.32 | ±0.13 | 49.95 | ±0.46 | 3.75 | ±0.02 | 32.82 | ±0.86 |
| R22 | 2.34 | ±0.06 | 11.01 | ±0.11 | 52.54 | ±0.28 | 3.83 | ±0.05 | 30.27 | ±0.73 |
| R23 | 2.57 | ±0.1 | 11.64 | ±0 | 49.44 | ±0.74 | 3.18 | ±0.05 | 33.16 | ±0.44 |
| R24 | 3.13 | ±0.08 | 11.47 | ±0.1 | 45.5 | ±1.42 | 4.4 | ±0.28 | 35.55 | ±1.59 |
| R25 | 2.91 | ±0.07 | 11.46 | ±0.02 | 49.52 | ±0.01 | 3.86 | ±0.13 | 32.29 | ±0.18 |
| R26 | 3.14 | ±0.23 | 11.11 | ±0.35 | 51.8 | ±1.75 | 4.02 | ±0.54 | 30.51 | ±1.89 |
| R27 | 2.39 | ±0.12 | 10.67 | ±0.03 | 51.22 | ±1.98 | 5.37 | ±0.18 | 26.45 | ±2.01 |
| R28 | 2.95 | ±0.1 | 11.67 | ±0.3 | 50.15 | ±0.84 | 3.74 | ±0.24 | 31.44 | ±0.66 |
| R29 | 2.89 | ±0.16 | 10.74 | ±0.07 | 53.54 | ±0.29 | 5.09 | ±0.05 | 27.7 | ±0.33 |
| R30 | 2.68 | ±0.13 | 11.59 | ±0.09 | 46.92 | ±0.32 | 3.69 | ±0.11 | 34.98 | ±0.02 |
| R31 | 2.87 | ±0.03 | 10.79 | ±0.03 | 49.51 | ±0.91 | 4.4 | ±0.12 | 32.43 | ±0.96 |
| R32 | 2.23 | ±0.06 | 11.37 | ±0.2 | 50.85 | ±0.42 | 3.9 | ±0.19 | 31.62 | ±0.63 |
| R33 | 3.01 | ±0.18 | 11.23 | ±0.18 | 50.99 | ±0.69 | 5.58 | ±0.33 | 29.38 | ±0.6 |
| R34 | 2.56 | ±0.12 | 11.09 | ±0.04 | 50.22 | ±0.62 | 4.91 | ±0.11 | 30.1 | ±1.04 |
| R36 | 2.4 | ±0.01 | 11.89 | ±0.18 | 50.03 | ±0.42 | 3.06 | ±0.29 | 32.62 | ±0.72 |
| R37 | 2.67 | ±0.11 | 11.02 | ±0.05 | 51.66 | ±0.14 | 4.66 | ±0.07 | 28.48 | ±0.17 |
| R38 | 2.62 | ±0.39 | 10.99 | ±0.11 | 48.99 | ±0.1 | 4.71 | ±0.04 | 28.97 | ±1.02 |
| R39 | 2.62 | ±0.2 | 10.68 | ±0.01 | 50.72 | ±0.01 | 5.17 | ±0.05 | 27.74 | ±0.12 |
| R40 | 2.07 | ±0.08 | 11.12 | ±0.09 | 49.99 | ±1.41 | 4.32 | ±0.04 | 31.77 | ±1.25 |
| R41 | 2.5 | ±0.23 | 10.04 | ±0.17 | 52.63 | ±0.83 | 5.29 | ±0.19 | 27.6 | ±0.67 |
| R42 | 2.44 | ±0.23 | 11.18 | ±0.01 | 53.34 | ±0.01 | 3.88 | ±0.18 | 28.55 | ±0.86 |
| R43 | 2.64 | ±0.17 | 11.26 | ±0.01 | 47.42 | ±1.06 | 3.91 | ±0.18 | 34.67 | ±0.53 |
| R44 | 2.55 | ±0.09 | 10.99 | ±0.09 | 50.16 | ±0.52 | 3.92 | ±0.34 | 32.39 | ±1.03 |
| R45 | 2.43 | ±0.15 | 11.12 | ±0.06 | 51.57 | ±0.09 | 3.83 | ±0.09 | 31.17 | ±0.1 |
| R46 | 2.39 | ±0.39 | 10.99 | ±0.23 | 51.03 | ±0.54 | 5.58 | ±0.21 | 26.03 | ±0.38 |
| R47 | 2.66 | ±0.11 | 10.96 | ±0.1 | 53.13 | ±0.16 | 4.22 | ±0.19 | 26.24 | ±0.1 |
| R47A | 2.16 | ±0.04 | 10.62 | ±0.11 | 55.59 | ±0.89 | 5.27 | ±0.22 | 22.86 | ±1.05 |
| R48 | 2.5 | ±0.07 | 11.43 | ±0.21 | 49.28 | ±0.22 | 3.44 | ±0.29 | 33.26 | ±0.37 |
| R49 | 2.32 | ±0.17 | 11.47 | ±0.12 | 52.62 | ±0.08 | 4.16 | ±0.03 | 29.11 | ±0.06 |
| R50 | 2.85 | ±0.06 | 11.27 | ±0.06 | 48.93 | ±0.53 | 4.39 | ±0.08 | 32.63 | ±0.5 |
| R50A | 2.33 | ±0.07 | 11.53 | ±0.16 | 49.4 | ±0.41 | 3.74 | ±0.06 | 32.98 | ±0.22 |
| R50B | 2.63 | ±0.21 | 11.77 | ±0 | 47.05 | ±1.8 | 4.1 | ±0.17 | 34.43 | ±1.3 |
| R51 | 2.47 | ±0.1 | 11.45 | ±0.25 | 51.22 | ±1.31 | 4.43 | ±0.06 | 30.4 | ±0.99 |
| R52 | 2.55 | ±0.08 | 10.79 | ±0.3 | 51.62 | ±0.56 | 5.4 | ±0.32 | 27.39 | ±1.29 |
| R52A | 2.3 | ±0.03 | 10.96 | ±0.06 | 51.85 | ±0.12 | 4.26 | ±0.32 | 30.66 | ±0.36 |
| R53 | 2.23 | ±0.05 | 11.29 | ±0.14 | 48.3 | ±1.35 | 3.82 | ±0.29 | 34.75 | ±1.43 |
| R54 | 2.28 | ±0.19 | 10.83 | ±0.04 | 52.23 | ±0.55 | 4.39 | ±0.26 | 30.24 | ±0.29 |
| R55 | 2.19 | ±0.06 | 11.14 | ±0.12 | 53.34 | ±0.43 | 4.54 | ±0.11 | 27.54 | ±0.44 |
| R56 | 2.38 | ±0.1 | 11.34 | ±0.03 | 50.2 | ±0.13 | 4.02 | ±0.09 | 32.05 | ±0.36 |
| R56A | 2.45 | ±0.14 | 11.27 | ±0.06 | 47.98 | ±0.11 | 3.77 | ±0.01 | 34.55 | ±0.56 |
| R58 | 2.41 | ±0.06 | 11.39 | ±0.1 | 50.82 | ±0.72 | 4.76 | ±0.13 | 28.52 | ±0.84 |
| R59 | 2.49 | ±0.02 | 10.82 | ±0.01 | 52.72 | ±0.45 | 5.38 | ±0.24 | 28 | ±0.14 |
| R60 | 2.82 | ±0.07 | 10.85 | ±0.11 | 50.08 | ±0.09 | 5 | ±0.04 | 31.21 | ±0.14 |
| R61 | 2.38 | ±0.11 | 11.23 | ±0.03 | 50.18 | ±0.07 | 3.93 | ±0.09 | 26.74 | ±0.08 |
| R62 | 2.12 | ±0.22 | 10.42 | ±0.07 | 55.09 | ±0.02 | 4.81 | ±0.07 | 26.05 | ±0.18 |
| R63 | 2.24 | ±0.3 | 10.57 | ±0.02 | 53.85 | ±1.42 | 5 | ±0.07 | 28.27 | ±0.99 |
| R64 | 2.34 | ±0.04 | 10.91 | ±0.09 | 50.64 | ±0.55 | 4.19 | ±0.23 | 31.92 | ±2.12 |
| R64A | 2.62 | ±0.04 | 10.99 | ±0.07 | 48.99 | ±0.23 | 4.42 | ±0.05 | 32.95 | ±0.22 |
| R65 | 2.54 | ±0.15 | 11.2 | ±0.06 | 47.59 | ±0.86 | 3.38 | ±0.22 | 35.29 | ±1.01 |
| R66 | 2.93 | ±0.06 | 12.07 | ±0.12 | 49.82 | ±1.41 | 3.1 | ±0.15 | 32.18 | ±1.51 |
| R67 | 2.61 | ±0.1 | 10.8 | ±0.2 | 52.79 | ±0.86 | 4.42 | ±0.02 | 27.9 | ±0.57 |
| R69 | 2.95 | ±0.13 | 10.7 | ±0.21 | 52.87 | ±0.14 | 5.27 | ±0.25 | 28.19 | ±0.08 |
| R71 | 2.17 | ±0.3 | 11.15 | ±0.19 | 47.23 | ±1.5 | 4.72 | ±0.1 | 34.83 | ±1.22 |
| R72 | 2.15 | ±0.09 | 10.95 | ±0.02 | 53.1 | ±0.39 | 4.53 | ±0.07 | 29.25 | ±0.26 |
| R72A | 2.22 | ±0.31 | 10.7 | ±0.02 | 53.1 | ±0.29 | 5.04 | ±0.02 | 28.9 | ±0.61 |
| R73 | 2.94 | ±0.07 | 11.33 | ±0.12 | 49.12 | ±0.22 | 4.02 | ±0.01 | 32.61 | ±0.37 |
| R73A | 2.3 | ±0.04 | 11.65 | ±0.14 | 49.14 | ±0.22 | 3.08 | ±0.04 | 33.67 | ±0.17 |
| R74 | 2.16 | ±0.14 | 11.62 | ±0.05 | 47.75 | ±0.53 | 3.61 | ±0 | 34.91 | ±0.66 |
| R75 | 2.37 | ±0.04 | 12 | ±0.02 | 50.01 | ±0.65 | 3.56 | ±0.09 | 31.94 | ±1.23 |
| R76 | 2.55 | ±0.04 | 11.21 | ±0.21 | 49.69 | ±0.23 | 3.9 | ±0.08 | 32.61 | ±0.14 |
| R77 | 2.41 | ±0.12 | 11.15 | ±0.14 | 50.1 | ±0.76 | 4.54 | ±0.21 | 25.71 | ±0.66 |
| R78 | 2.28 | ±0.08 | 11.29 | ±0.16 | 53.75 | ±0.05 | 5.85 | ±0.09 | 20.82 | ±0.13 |
| R78A | 2.04 | ±0.07 | 10.99 | ±0.01 | 51.2 | ±0.06 | 5.57 | ±0.12 | 24.97 | ±0.13 |
| R79 | 2.44 | ±0.05 | 10.78 | ±0.09 | 49.62 | ±0.18 | 4.21 | ±0.06 | 32.96 | ±0.22 |
| R80 | 2.24 | ±0.1 | 11.37 | ±0.18 | 51.08 | ±0.07 | 4.41 | ±0.06 | 30.93 | ±0.23 |
| R81 | 2.59 | ±0.12 | 11.33 | ±0.13 | 48.15 | ±0.85 | 4.08 | ±0.14 | 33.83 | ±0.28 |
| R82 | 2.8 | ±0.15 | 10.71 | ±0.12 | 53.81 | ±0.14 | 4.74 | ±0.18 | 27.98 | ±0.19 |
| R83 | 2.84 | ±0.28 | 10.84 | ±0.13 | 56.48 | ±2 | 4.38 | ±0.02 | 25.41 | ±2.31 |
| R84 | 2.22 | ±0.12 | 11.28 | ±0.09 | 52.58 | ±0.78 | 4.6 | ±0.05 | 27.67 | ±0.41 |
| R87 | 2.41 | ±0.33 | 11.1 | ±0.01 | 53.95 | ±0.13 | 4.43 | ±0.03 | 27.29 | ±0.06 |
| R88 | 2.09 | ±0.23 | 11.22 | ±0.08 | 50.65 | ±0.1 | 3.78 | ±0.14 | 32.33 | ±0.58 |
| R89 | 2.58 | ±0.04 | 11.28 | ±0.14 | 52.87 | ±0.5 | 3.59 | ±0.05 | 29.42 | ±0.41 |
| R91 | 2 | ±0 | 11.11 | ±0.07 | 53.99 | ±0.29 | 4.63 | ±0.17 | 28.44 | ±0.9 |
| R92 | 2.46 | ±0.11 | 10.5 | ±0.09 | 52.7 | ±0.11 | 5.12 | ±0.05 | 27.27 | ±0.29 |
| R93 | 2.25 | ±0.06 | 11.29 | ±0.1 | 50.61 | ±0.81 | 3.77 | ±0.05 | 32.45 | ±0.81 |
| R94 | 2.67 | ±0.17 | 11.32 | ±0.01 | 51.66 | ±0.25 | 4.22 | ±0.19 | 30.19 | ±0.86 |
| R94B | 2.41 | ±0.25 | 10.86 | ±0.15 | 49.12 | ±3.4 | 4.86 | ±0.2 | 23.51 | ±1.08 |
| R95 | 2.36 | ±0.04 | 10.67 | ±0.05 | 51.64 | ±0.06 | 4.86 | ±0 | 30.41 | ±0.48 |
| R95A | 2.4 | ±0.39 | 10.63 | ±0.46 | 52.95 | ±0.61 | 4.72 | ±0.18 | 29.29 | ±0.19 |
| R96 | 2.59 | ±0.16 | 11.23 | ±0.5 | 53.18 | ±0.57 | 4.42 | ±0.19 | 28.48 | ±0.57 |
| R98 | 2.49 | ±0.21 | 11.02 | ±0.31 | 50.22 | ±0.93 | 3.78 | ±0.12 | 29.93 | ±0.43 |
| R98A | 2.35 | ±0.1 | 10.94 | ±0.74 | 50.67 | ±0.6 | 5.42 | ±0.29 | 21.96 | ±0.74 |