**Table S2**  Details of the samples collected in the experiment

|  |  |  |
| --- | --- | --- |
| Group | Sample ID  | Annotation |
| A | A1 | Biennially grown at undrawn phase |
| A | A2 |
| A | A3 |
| B | B1 | Biennially grown at drawn phase |
| B | B2 |
| B | B3 |
| C | C1 | Annually grown at undrawn phase |
| C | C2 |
| C | C3 |
| C | C4 |
| C | C5 |
| C | C6 |
| D | D1 | Annually grown at drawn phase |
| D | D2 |
| D | D3 |
| D | D4 |
| D | D5 |
| D | D6 |
| E | E1 | Annually grown in north slope |
| E | E2 |
| E | E3 |
| F | F1 | Annually grown in south slope |
| F | F2 |
| F | F3 |