• Made up of 100 selected seed lines from 400 natural Arabidopsis accessions in the stock of RIKEN BRC.

• Each accession was propagated by the single seed descent (SSD) method.

• Data on the 149 SNPs from the 3rd generation of each accession was used to classify the accessions into 100 distinct lines.

• Phenotype was also considered in the selection process.

• Users will receive a package with 100 tubes—one tube per line with each tube containing about 50 seeds.

• To conserve the original polymorphisms in each accession, the original seed stocks (those before amplification with the SSD method) were distributed.
Growth Method for Late Flowering

*Under our growth conditions, the following lines have the late flowering phenotype:*

- SJA04500(Bus-0), SJA08900(Ge-0), SJA12600(Ko-3)
- SJA19800(Ri-0), SJA23900(Ty-0), and SJA35200(Van-1).

1) Sow the seeds on an agar plate (germination medium) and let them sit under dark conditions at 4°C.
2) After 5-7 days, expose the plate to ambient light at 22°C.
3) Two weeks later, transplant the seedlings to pots filled with soil compressed very lightly to give a firm bed and place the pots on a cultivation rack at 22°C.
4) After another 2 weeks, expose the plants to an alternating 16 hours of light and 8 hours of dark at 4°C for 8 weeks. This low-temperature treatment is required for flowering.
5) Return the potted plants to the rack at 22°C. It takes about 1-2 weeks more before the flowers emerge.