

Table S1: Transcriptome assembly and translation

Species	Sexual System	Number of Transcripts	Number of translated transcripts	Translated cDNA N50 (nt)
<i>A. asparagoides</i>	Hermaphrodite	118,517	40,928	1,431
<i>A. officinalis</i>	Dioecious	276,556	158,386	1,482