

Table S1 - Statistics of short-read sequencing analysis results of six cultivated soybean plants.

Sample Name	Summary of sequencing and mapping						
	total base (Gb)	sequencing depth (fold)	mapped base (Gb)	mapping depth (fold)	mapping rate	mapping coverage (>=1)	mapping coverage (>=5)
Williams 82 (W82)	58.22	60.18	57.62	59.56	98.9%	98.5%	98.3%
Baekun (BU)	58.96	60.94	56.04	57.92	95.1%	97.0%	96.2%
Sinpaldal2 (SPD2)	58.6	60.57	57.82	59.76	98.7%	97.7%	97.1%
Shingi (SG)	59.53	61.53	55.78	57.65	93.7%	97.5%	96.8%
Daepoong (DP)	40.32	41.67	38.97	40.28	96.7%	96.9%	93.6%
Hwanggeum (HK)	44.29	45.78	42.19	43.61	95.3%	97.3%	94.7%