

Supplementary data

Genetic and epigenetic diversity of wild and cultivated soybean in local populations in Northern Huang Huai region of China

Xuefei Yan* Xiaodong Liu* Jiandong Li* Hongkun Zhao Qiyun Li Yumin Wang Cuiping Yuan Ling Zhang Yingshan Dong

Supplementary Table 1. Adapter sequences, pre-selective primers and selective primers used in AFLP

Adapters		
<i>Mse</i> I-adapterI		5' -GACGATGAGTCCTGAG-3'
<i>Mse</i> I-adapterII		5' -TACTCAGGACTCAT-3'
<i>Eco</i> RI-adapterI		5' -CTCGTAGACTGCGTACC-3'
<i>Eco</i> RI-adapterII		5' -AATTGGTACGCAGTC-3'
Pre-selective primers		
<i>Eco</i> RI+A		5' -GACTGCGTACCAATTCA-3'
<i>Mse</i> I+C		5' -GATGAGTCCTGAGTAAC-3'
Selective primers		
	<i>Eco</i> RI primers	<i>Mse</i> I primers
c2	GACTGCGTACCAATTCAAC	GATGAGTCCTGAGTAACAC
c6	GACTGCGTACCAATTCAAC	GATGAGTCCTGAGTAACAC
c7	GACTGCGTACCAATTCAAC	GATGAGTCCTGAGTAACAC
c8	GACTGCGTACCAATTCAAC	GATGAGTCCTGAGTAACAC
e2	GACTGCGTACCAATTCACA	GATGAGTCCTGAGTAACAC
e5	GACTGCGTACCAATTCACA	GATGAGTCCTGAGTAACAC
g5	GACTGCGTACCAATTCACC	GATGAGTCCTGAGTAACAC
g6	GACTGCGTACCAATTCACC	GATGAGTCCTGAGTAACAC
h1	GACTGCGTACCAATTCACG	GATGAGTCCTGAGTAACAA
h2	GACTGCGTACCAATTCACG	GATGAGTCCTGAGTAACAC

Supplementary Table 2. Adapter sequences, pre-selective primers and selective primers used in MSAP

Adapters		
<i>Mse</i> I- adapterI		5'-CTCGTAGACTGCGTACC-3'
<i>Mse</i> I- adapterII		5'-AATTGGTACGCAGTC-3'
<i>Eco</i> RI- adapterI		5'-GATCATGAGTCCTGCT-3'
<i>Eco</i> RI- adapterII		5'-CGAGCAGGACTCATGA-3'
Pre-selective primers		
<i>Eco</i> RI+A		5'-GACTGCGTACCAATTCA-3'
H/M+0		5'-ATCATGAGTCCTGCTCGG-3'
Selective primers		
	<i>Eco</i> RI primers	<i>H/M</i> primers
d1	GACTGCGTACCAATTCACT	ATCATGAGTCCTGCTCGGTCT
c2	GACTGCGTACCAATTCACA	ATCATGAGTCCTGCTCGGTCT
d2	GACTGCGTACCAATTCACT	ATCATGAGTCCTGCTCGGTCT
e3	GACTGCGTACCAATTCACC	ATCATGAGTCCTGCTCGGTCT
g3	GACTGCGTACCAATTCAGC	ATCATGAGTCCTGCTCGGTCT
e4	GACTGCGTACCAATTCACC	ATCATGAGTCCTGCTCGGTCT
f7	GACTGCGTACCAATTCACG	ATCATGAGTCCTGCTCGGTCT
g7	GACTGCGTACCAATTCAGC	ATCATGAGTCCTGCTCGGTCT