

Table S3. Designations used for nsLTP sequences in this report, and their corresponding database accession numbers.

Arabidopsis			Rice			Sorghum		
Name	Locus	Group	Name	Locus	Group	Name	Locus	Group
AtLTP1.1	AT2G15050.3	Type 1	OsLTP1.1	LOC_Os01g12020.1	Type 1	SbLTP1.1	Sb03g001580.1	Type 1
AtLTP1.2	AT2G15325.1	Type 1	OsLTP1.2	LOC_Os01g60740.1	Type 1	SbLTP1.2	Sb03g038280.1	Type 1
AtLTP1.3	AT2G18370.1	Type 1	OsLTP1.3	LOC_Os03g59380.1	Type 1	SbLTP1.3	Sb07g002600.1	Type 1
AtLTP1.4	AT2G38530.1	Type 1	OsLTP1.4	LOC_Os05g40010.1	Type 1	SbLTP1.4	Sb08g002660.1	Type 1
AtLTP1.5	AT2G38540.1	Type 1	OsLTP1.5	LOC_Os06g06340.1	Type 1	SbLTP1.5	Sb08g002670.1	Type 1
AtLTP1.6	AT3G08770.1	Type 1	OsLTP1.6	LOC_Os06g34840.1	Type 1	SbLTP1.6	Sb08g002680.1	Type 1
AtLTP1.7	AT3G51590.1	Type 1	OsLTP1.7	LOC_Os08g03690.1	Type 1	SbLTP1.7	Sb08g002690.1	Type 1
AtLTP1.8	AT3G51600.1	Type 1	OsLTP1.9	LOC_Os11g02350.1	Type 1	SbLTP1.8	Sb08g002700.1	Type 1
AtLTP1.9	AT4G33355.1	Type 1	OsLTP1.12	LOC_Os11g02400.1	Type 1	SbLTP1.9	Sb10g021170.1	Type 1
AtLTP1.10	AT5G01870.1	Type 1	OsLTP1.13	LOC_Os11g02424.2	Type 1	SbLTP2.1	Sb01g017700.1	Type 2
AtLTP1.11	AT5G59310.1	Type 1	OsLTP1.14	LOC_Os11g24070.1	Type 1	SbLTP2.2	Sb01g017710.1	Type 2
AtLTP1.12	AT5G59320.1	Type 1	OsLTP1.16	LOC_Os12g02300.1	Type 1	SbLTP2.3	Sb01g049830.1	Type 2
AtLTP1.13	AT4G28395.1	Type 1	OsLTP1.17	LOC_Os12g02310.1	Type 1	SbLTP2.4	Sb03g031720.1	Type 2
AtLTP2.2	AT1G43666.1	Type 2	OsLTP1.18	LOC_Os12g02320.1	Type 1	SbLTP2.5	Sb09g027590.1	Type 2
AtLTP2.3	AT1G43667.1	Type 2	OsLTP1.19	LOC_Os12g02330.2	Type 1	SbLTP2.6	Sb09g027600.1	Type 2
AtLTP2.4	AT1G48750.1	Type 2	OsLTP1.20	LOC_Os12g02340.1	Type 1	SbLTP2.7	Sb10g029330.1	Type 2
AtLTP2.5	AT1G66850.1	Type 2	OsLTP1.21	LOC_Os11g02369.1	Type 1	SbLTPc1	Sb02g030420.1	Type C
AtLTP2.6	AT1G73780.1	Type 2	OsLTP1.22	LOC_Os11g02389.1	Type 1	SbLTPc2	Sb07g025160.1	Type C
AtLTP2.7	AT2G14846.1	Type 2	OsLTP2.1	LOC_Os01g49640.1	Type 2	SbLTPd1	Sb01g026220.1	Type D
AtLTP2.8	AT3G12545	Type 2	OsLTP2.2	LOC_Os01g49650.1	Type 2	SbLTPd2	Sb01g026225.1	Type D
AtLTP2.9	AT3G18280.1	Type 2	OsLTP2.3	LOC_Os03g02050.1	Type 2	SbLTPd3	Sb01g026230.1	Type D
AtLTP2.10	AT3G57310.1	Type 2	OsLTP2.4	LOC_Os05g47700.1	Type 2	SbLTPd4	Sb02g009300.1	Type D
AtLTP2.11	AT5G38160.1	Type 2	OsLTP2.5	LOC_Os05g47730.1	Type 2	SbLTPd5	Sb02g009320.1	Type D
AtLTP2.12	AT5G38170.1	Type 2	OsLTP2.6	LOC_Os06g49190.1	Type 2	SbLTPd6	Sb02g009340.1	Type D
AtLTP2.13	AT5G38180.1	Type 2	OsLTP2.7	LOC_Os10g36070.1	Type 2	SbLTPd7	Sb03g037210.1	Type D
AtLTP2.14	AT5G38195.1	Type 2	OsLTP2.8	LOC_Os10g36090.1	Type 2	SbLTPd8	Sb03g037220.1	Type D
AtLTPc1	AT5G07230.1	Type C	OsLTP2.9	LOC_Os10g36100.1	Type 2	SbLTPd9	Sb03g039880.1	Type D
AtLTPc2	AT5G52160.1	Type C	OsLTP2.10	LOC_Os10g36110.1	Type 2	SbLTPd10	Sb03g043610.1	Type D
AtLTPc3	AT5G62080.1	Type C	OsLTP2.11	LOC_Os10g36160.1	Type 2	SbLTPd11	Sb06g016160.1	Type D
AtLTPd1	AT5G48485.1	Type D	OsLTP2.12	LOC_Os10g36170.1	Type 2	SbLTPd12	Sb06g016170.1	Type D
AtLTPd2	AT5G48490.1	Type D	OsLTP2.13	LOC_Os11g40530.1	Type 2	SbLTPd13	Sb08g005360.1	Type D
AtLTPd3	AT5G55410.1	Type D	OsLTPc1	LOC_Os08g43290.1	Type C	SbLTPg1	Sb01g004610.1	Type G
AtLTPd4	AT5G55450.1	Type D	OsLTPc2	LOC_Os09g35700.1	Type C	SbLTPg2	Sb01g005410.1	Type G
AtLTPd5	AT5G55460.1	Type D	OsLTPd1	LOC_Os01g68580.1	Type D	SbLTPg3	Sb01g011270.1	Type G
AtLTPd6	AT2G37870.1	Type D	OsLTPd2	LOC_Os01g68589.1	Type D	SbLTPg4	Sb01g005420.1	Type G
AtLTPd7	AT3G53980.1	Type D	OsLTPd3	LOC_Os07g18750.1	Type D	SbLTPg5	Sb01g033830.1	Type G
AtLTPd8	AT5G05960.1	Type D	OsLTPd4	LOC_Os07g18990.1	Type D	SbLTPg6	Sb01g036750.1	Type G
AtLTPd9	AT1G32280.1	Type D	OsLTPd5	LOC_Os01g62980.1	Type D	SbLTPg7	Sb01g044330.1	Type G
AtLTPd10	AT4G30880.1	Type D	OsLTPd6	LOC_Os04g33920.1	Type D	SbLTPg8	Sb01g046080.1	Type G
AtLTPd11	AT4G33550.2	Type D	OsLTPd7	LOC_Os04g33930.2	Type D	SbLTPg9	Sb02g004130.1	Type G

AtLTPd12	AT5G56480.1	Type D	OsLTPd8	LOC_Os05g06780.1	Type D	SbLTPg10	Sb02g004200.1	Type G
AtLTPe1	AT3G07450.1	Type E	OsLTPd9	LOC_Os01g58650.1	Type D	SbLTPg11	Sb02g004210.1	Type G
AtLTPe2	AT3G52130.1	Type E	OsLTPd10	LOC_Os01g58660.1	Type D	SbLTPg12	Sb02g005900.1	Type G
AtLTPg1	AT1G03103.1	Type G	OsLTPd11	LOC_Os10g05720.2	Type D	SbLTPg13	Sb02g039860.1	Type G
AtLTPg2	AT1G05450.2	Type G	OsLTPd12	LOC_Os11g29420.1	Type D	SbLTPg14	Sb02g041710.1	Type G
AtLTPg3	AT1G18280.1	Type G	OsLTPd13	LOC_Os03g25350.1	Type D	SbLTPg15	Sb03g037810.1	Type G
AtLTPg4	AT1G27950.1	Type G	OsLTPd14	LOC_Os11g03870.1	Type D	SbLTPg16	Sb04g024055.1	Type G
AtLTPg5	AT1G36150.1	Type G	OsLTPg1	LOC_Os01g59870.1	Type G	SbLTPg17	Sb05g022630.1	Type G
AtLTPg6	AT1G55260.1	Type G	OsLTPg2	LOC_Os03g07100.1	Type G	SbLTPg18	Sb06g017510.1	Type G
AtLTPg7	AT1G62790.1	Type G	OsLTPg3	LOC_Os03g09230.1	Type G	SbLTPg19	Sb06g019070.1	Type G
AtLTPg8	AT1G73550.1	Type G	OsLTPg4	LOC_Os03g20760.1	Type G	SbLTPg20	Sb06g020910.1	Type G
AtLTPg9	AT1G73560.1	Type G	OsLTPg5	LOC_Os03g26800.1	Type G	SbLTPg21	Sb07g026120.1	Type G
AtLTPg10	AT1G73890.1	Type G	OsLTPg6	LOC_Os03g26820.1	Type G	SbLTPg22	Sb09g023870.1	Type G
AtLTPg11	AT2G13820.1	Type G	OsLTPg7	LOC_Os03g57970.1	Type G	SbLTPg23	Sb10g027810.1	Type G
AtLTPg12	AT2G27130.1	Type G	OsLTPg8	LOC_Os03g57980.1	Type G	SbLTPg24	Sb10g029740.1	Type G
AtLTPg13	AT2G44290.1	Type G	OsLTPg9	LOC_Os03g57990.1	Type G	SbLTPx1	Sb01g005430.1	single
AtLTPg14	AT2G44300.1	Type G	OsLTPg10	LOC_Os03g58940.1	Type G	SbLTPx2	Sb02g011135.1	single
AtLTPg15	AT2G48130.1	Type G	OsLTPg11	LOC_Os04g38840.1	Type G	SbLTPx3	Sb02g011205.1	single
AtLTPg16	AT2G48140.1	Type G	OsLTPg12	LOC_Os05g41030.1	Type G			
AtLTPg19	AT3G22600.1	Type G	OsLTPg13	LOC_Os06g47200.1	Type G			
AtLTPg20	AT3G22620.1	Type G	OsLTPg14	LOC_Os07g07790.1	Type G			
AtLTPg21	AT3G43720.1	Type G	OsLTPg15	LOC_Os07g07870.1	Type G			
AtLTPg22	AT3G58550.1	Type G	OsLTPg16	LOC_Os07g07860.1	Type G			
AtLTPg23	AT4G08670.1	Type G	OsLTPg17	LOC_Os07g07920.1	Type G			
AtLTPg24	AT4G12360.1	Type G	OsLTPg18	LOC_Os07g07930.1	Type G			
AtLTPg25	AT4G14805.1	Type G	OsLTPg19	LOC_Os07g09970.1	Type G			
AtLTPG26	AT4G14815.1	Type G	OsLTPg20	LOC_Os07g30590.1	Type G			
AtLTPG27	AT4G22630.1	Type G	OsLTPg21	LOC_Os07g43290.1	Type G			
AtLTPG28	AT4G22666.1	Type G	OsLTPg22	LOC_Os08g42040.1	Type G			
AtLTPG29	AT5G09370.1	Type G	OsLTPg23	LOC_Os11g37320.1	Type G			
AtLTPG30	AT5G13900.1	Type G	OsLTPg24	LOC_Os06g49770.1	Type G			
AtLTPG31	AT5G64080.1	Type G	OsLTPg25	LOC_Os11g37280.1	Type G			
AtLTPg17	AT3G22570.1	single	OsLTPg28	LOC_Os01g42210.1	Type G			
AtLTPg18	AT3G22580.1	single	OsLTPg29	LOC_Os03g46110.1	Type G			
AtLTPG33	AT4G22640.1	single	OsLTPx1	LOC_Os03g44000.1	single			
AtLTPG34	AT4G22650.1	single	OsLTPx2	LOC_Os07g27940.1	single			
AtLTPx1	AT1G52415.1	single	OsLTPx3	LOC_Os11g34660.1	single			
AtLTPx2	AT1G64235.1	single						
AtLTPx3	AT4G08530.1	single						
