

Table S3. Strains of the Bean Beetles *Callosobruchus* spp. Used in This Study.

| Strain | Insect species Original locality | Collection year and collector | PCR of <i>wsp</i> and <i>ftsZ</i> genes ¹ | Infection status based on <i>wsp</i> ^{2,3} | Description ⁴ | Transferred genes detected ⁵ |
|--|-------------------------------------|----------------------------------|---|--|--|--|
| <i>Callosobruchus chinensis</i> | | | | | | |
| jC | Kyoto, Kyoto Japan | 1936 T. Uchida | positive | C, O, (A) | A inbred laboratory line established in 1930's; infected with Con and Ori; chromosomal Aus detected. | - |
| jC ^{Aus} | | | positive | Φ (A) | A tetracycline-treated line derived from jC; no infection; chromosomal Aus detected. | 57/205 |
| k10 | Kasukabe, Saitama Japan | 1998 N. Kondo | positive | C, O | An isofemale line originating from kkC98 population; infected with Con and Ori; chromosomal Aus not detected. | - |
| k10U2 | | | negative | Φ | A tetracycline-treated line derived from k10; no infection; chromosomal Aus undetected. | 40/205 |
| r13 | Maruoka, Fukui Japan | 1998 N. Kondo | positive | C, O | An isofemale line originating from mrC98 population; infected with Con and Ori; chromosomal Aus undetected. | - |
| r13U1 | | | negative | Φ | A tetracycline-treated line derived from r13; no infection; chromosomal Aus undetected. | 40/205 |
| Rm | Kenting, Taiwan | 2004 N. Kondo | positive | O | A mass-rearing line originating from Kenting, Taiwan; infected with Ori; chromosomal Aus undetected. | - |
| Rm ^{tet} | | | negative | Φ | A tetracycline-treated line derived from Rm; no infection; chromosomal Aus undetected. | 31/205 |
| <i>Callosobruchus maculatus</i> | | | | | | |
| hQ | Bunkyo-ku, Tokyo Japan | 1988 M. Shimada | negative | Φ | A laboratory line of a congenic species; no infection. | 0/57 |
| <i>Callosobruchus rhodesianus</i> | | | | | | |
| ZH | Zimbabwe | 1993 D. Giga | negative | Φ | A laboratory line of a congenic species; no infection. | 0/57 |

¹Diagnostic PCR detection of *wsp* and *ftsZ* genes by using universal primers as described [Kondo et al. 2002b].

²Diagnostic PCR detection of *wsp* gene from Con, Ori and Aus by using specific primers as described [Kondo et al. 2002b].

³C, infected with Con; O, infected with Ori; Φ, no infection; (A), chromosomal Aus detected by specific PCR detection of *wsp* gene.

⁴Geographic information of the populations described previously [Kondo et al. 2002b].

⁵[Number of genes detected by PCR]/[number of genes subjected to PCR assay].