

Additional file 1

Table S2. Variety code and Dong ethonic name of Kam fragrant glutinous rice in this study.

| Code | Dong name | Code | Dong name | Code | Dong name |
|---------|---------------------------|---------|-----------------------|---------------|-----------------------|
| GQ1-1 | Kgoux maoh | KD9-34 | Kgoux lieeh laox | DJ7-67 | Kgoux ral jix daeml |
| ZX1-2 | Kgoux jol laox | ZL3-35 | Kgoux lieev longl | HG17-68 | Kgoux yangc longl |
| DJ1-3 | Kgoux bedh jul ral | XH4-36 | Kgoux jinc badh | ZX5-69 | Kgoux jav raih |
| KD1-4 | Kgoux yongp dongx | HG5-37 | Kgoux guanl | DJ4-70 | Kgoux shol deec |
| HG1-5 | Kgoux naemx nimh pangp | XH6-38 | Kgoux bieeh | DJ5-71 | Kgoux bedh jul naeml |
| ZL1-6 | Kgoux gkogh ral | HG8-39 | Kgoux bieengh mant | DJ6-72 | Kgoux div bingc naeml |
| HG2-7 | Kgoux padh nganx | YD4-40 | Kgoux junl zinc | ZL7-73 | Kgoux badh naemv |
| HG3-8 | Kgoux Gaos Sinp | KD10-41 | Kgoux gongh genx | YD8-74 | Kgoux meec guanl |
| DJ2-9 | Kgoux bic ral | XH7-42 | Kgoux touv munv | KD11-75 | Kgoux baix tange |
| DJ3-10 | Kgoux padh nyox | GQ5-43 | Kgoux gongp guih laox | GQ12-76 | Kgoux dongc lac |
| KD2-11 | Kgoux joh naemv | ZL4-44 | Kgoux dal naeml | ZL8-77 | Kgoux sadh manh |
| HG4-12 | Kgoux bic bagh | HG9-45 | Kgoux banl jinc | HG18-78 | Kgoux jul |
| XH1-13 | Kgoux lieec laox jal raih | HG10-46 | kgoux gkaxox dah laox | XH9-79 | Kgoux gongh gunl |
| KD3-14 | Kgoux bienl gueec laox | GQ6-47 | Kgoux longv xaox | ZL9-80 | Kgoux yangc |
| KD4-15 | Kgoux naeml jal raih | GQ7-48 | Kgoux gunv | ZL10-81 | Kgoux juh xil maenv |
| XH2-16 | Kgoux naeml ragx | GQ8-49 | Kgoux gkunl ral | GQ13-82 | Kgoux siv wangc |
| ZX2-17 | Kgoux ral jol ral laox | HG11-50 | Kgoux bic bagx | GQ14-83 | Kgoux yongc laox |
| YD1-18 | Kgoux binl guic laox | HG12-51 | Kgoux tidl xil maenv | GQ15-84 | Kgoux dangl |
| YD2-19 | Kgoux bienx longc touc | GQ9-52 | Kgoux bagx liix | HG19-85 | Kgoux yongc |
| XH3-20 | Kgoux zinc | ZX3-53 | Kgoux jal ral | KD12-86 | Kgoux bongh beic |
| YD10-21 | Kgoux jeemh | GQ10-54 | Kgoux daov ral | HG20-87 | Kgoux bedh gueenx |
| HG5-22 | Kgoux jinc dongl | YD5-55 | Kgoux lieec zhul | HG21-88 | Kgoux nunx raih |
| GQ2-23 | Kgoux daov | YD6-56 | Kgoux yangc | YD9-89 | Kgoux meev jal |
| KD5-24 | Kgoux bieec gunl | YD7-57 | Kgoux ginh | HG22-90 | Kgoux weenx ninl |
| GQ3-25 | Kgoux qaenp | GQ11-58 | Kgoux longv bieec | HG23-91 | Kgoux logc xil maenv |
| HG6-26 | Kgoux dangh dal | HG8-59 | Kgoux tunc | KD13-92 | Kgoux jeec |
| KD6-27 | Kgoux bagx sal | HG13-60 | Kgoux yeec | GQ16-93 | Kgoux gaoh jiml |
| ZL2-28 | Kgoux lieec jul | HG14-61 | Kgoux lieel zhul lagx | GQ17-94 | Kgoux longv daiv |
| KD7-29 | Kgoux beenh weenx jal | HG15-62 | Kgoux div gnov | GQ18-95 | Kgoux gouc |
| YD3-30 | Kgoux bagx dangp | HG16-63 | Kgoux deeh ngox | XZ1-96 | Bai mao dao |
| GQ4-31 | Kgoux gongp guih lagx | ZL5-64 | Kgoux yangc dangh | ZY1-97 | Zhu shi nuo |
| KD8-32 | Kgoux diol deex mangc | ZL6-65 | Kgoux wangl niic | XY1-98 | Ma nuo |
| HG7-33 | Kgoux bienl gueec lagx | ZX4-66 | Kgoux bic ral | CH1-99 | Xiao huang ke zhan |

NOTE: (1) GQ1-1: Indicates that the variety is the first sample of Gaoqian vellige, corresponding to the number 1 of the picture, and that "HG" is the abbreviation of "Huanggang vellige", and so on; (2) Contrast variety: *Japonica* (XZ1-96, ZY1-97), *Indica*(XY1-98, CH1-99), ZY1-97 and XY1-98 are glutinous, XZ1-96 and CH1-99 are no-glutinous.