|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table S2.** Genotypes and phenotypes of 377 isolates of *M. oryzae* characterized in the current study | | | | | | | | | | | |
|  |  |  |  |  |  | **Genotype (1, 0) d** | | | |  |  |
| **Isolate** | **Cropping**  **area a** | **Sampled**  **rice cultivar / host** | **Sampled**  **county** | **Sampled**  **time b** | **Phenotype on**  ***Pii* carrier c** | ***AvrPii-*C*-*MK1** | ***AvrPii-*C-**  **MK2** | ***AvrPii-*J-**  **MK1** | ***AvrPii-*J-**  **MK2** | ***AvrPii***  **resequencing e** | **Integrated**  **phenotype/genotype f** |
| **Guangdong rice population (∑60)** | | | |  |  | 4 | 4 | 2 | 2 | 4C+2J |  |
| CHL2345 | GD I | Mabayinzhan | Qujiang | 2008E | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2358 | GD I | Shanyou 428 | Wengyuan | 2008E | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2370 | GD II | Jinshanyou 3182 | Longchuan | 2008E | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2375 | GD I | Shanyou 253 | Renhua | 2008E | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2384 | GD I | Changguidao | Lianping | 2008E | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2386 | GD II | Fengsimiao | Gaoyao | 2008E | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2387 | GD II | Shanyou 428 | Meixian | 2008E | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2394 | GD II | Nuo | Meixian | 2008E | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2401 | GD II | Huayougui 99 | Wuhua | 2008E | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2409 | GD II | Zhongerruanzhan | Longmen | 2008E | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2412 | GD II | Shanyougui 99 | Fengkai | 2008E | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| CHL2416 | GD II | Meixiangzhan | Xinxing | 2008E | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2417 | GD II | Tianyou 290 | Xingning | 2008E | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2419 | GD II | Changguidao | Jiexi | 2008E | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2422 | GD III | Zaoyinzhan | Yangjiang | 2008E | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2423 | GD III | Sanyinian | Yangjiang | 2008E | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2426 | GD III | Youyou 389 | Xinyi | 2008E | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2433 | GD III | Huayou 86 | Xinyi | 2008E | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2436 | GD III | Huayou 86 | Xinyi | 2008E | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2438 | GD III | Changguidao | Gaozhou | 2008E | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2441 | GD III | Zajiaodao | Gaozhou | 2008E | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2442 | GD III | Tianyou 998 | Haifeng | 2008E | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2444 | GD III | Guangyinzhan | Foshan | 2008E | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2446 | GD III | Shuanghuangzhan | Jiedong | 2008E | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2448 | GD III | Teyou 721 | Chaoan | 2008E | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2449 | GD II | Zengyouzhan | Zengcheng | 2008E | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2452 | GD III | Fengqin | Lianjiang | 2008E | V | 0 | 0 | 0 |  |  | V/0 |
| CHL2455 | GD III | Bairizao | Huidong | 2008E | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2457 | GD III | Zhanyou 226 | Huidong | 2008E | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2458 | GD III | Teyou 721 | Yangchun | 2008E | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| CHL2464 | GD III | Taishanbai | Kaiping | 2008E | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2467 | GD I | Meixiangzhan | Renhua | 2008L | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2488 | GD I | Weixiang | Lechang | 2008L | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2490 | GD I | Guodao No.1 | Ruyuan | 2008L | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2491 | GD I | Jinyou 207 | Nanxiong | 2008L | A | **1** | 1 | 1 | 1 | ✓✓ | A/1C\_J |
| CHL2497 | GD I | Meixiangzhan | Qujiang | 2008L | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| CHL2507 | GD I | Zayou | Wengyuan | 2008L | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2513 | GD I | Shanyou 46 | Xinfeng | 2008L | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2516 | GD I | Shanyou 82 | Jiaoling | 2008L | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2518 | GD II | Yuxiang 88 | Longchuan | 2008L | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2534 | GD II | Shanyou 122 | Meixian | 2008L | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2548 | GD II | Yixiang 3003 | Dapu | 2008L | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2549 | GD II | Shanyou 122 | Dapu | 2008L | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2551 | GD II | Boyouyun 3 | Zijin | 2008L | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2560 | GD III | Huanghuazhan | Boluo | 2008L | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2561 | GD II | Longyou 665 | Fougang | 2008L | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2563 | GD III | Zhanzinuo | Huidong | 2008L | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2571 | GD II | Qixinzhan | Longmen | 2008L | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2581 | GD II | Qiuyou 452 | Qingxin | 2008L | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2584 | GD II | Zayounuo | Huaiji | 2008L | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2586 | GD II | Zhenguizhong | Yingde | 2008L | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2593 | GD II | Qiuyou 3008 | Yunfu | 2008L | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2600 | GD II | Qiuyou 3008 | Deqing | 2008L | A | 0 | 0 | 1 | 1 | ✓ | A/1J |
| CHL2604 | GD III | Guinongzhan | Haifeng | 2008L | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2606 | GD III | Xiaonongzhan | Zhuhai | 2008L | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2608 | GD III | Taiwanyouzhan | Yangchun | 2008L | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2615 | GD III | Bo II You 15 | Lianjiang | 2008L | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2626 | GD III | Longyou 673 | Xinyi | 2008L | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2630 | GD III | II You 084 | Gaozhou | 2008L | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL2636 | GD IV | Bo II You 15 | Suixi | 2008L | V | 0 | 0 | 0 | 0 |  | V/0 |
| **Hunan population (∑60)** | | | |  |  | 23 | 23 | 21 | 21 | 23C+21J |  |
| EHL0312 | HN I | Tefu No.7 | Taoyuan | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0313 | HN I | Tefu No.7 | Taoyuan | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0314 | HN II | Weiyou 402 | Anren | 2007 | A | **1** | 1 | 0 |  | ✓ | A/1C |
| EHL0317 | HN II | Weiyou 402 | Anren | 2007 | A | 0 | 0 | 1 | 1 | ✓ | A/1J |
| EHL0319 | HN II | Liangyou 287 | Liling | 2007 | A | **1** | 1 | 1 | 1 | ✓✓ | A/1C\_J |
| EHL0321 | HN II | V402 | Hengnan | 2007 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0323 | HN II | V233 | Hengdong | 2007 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0324 | HN II | I You 402 | Hengdong | 2007 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0326 | HN II | I You 402 | Hengnan | 2007 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0327 | HN II | Zhuliangyou 30 | Dongan | 2007 | A | **1** | 1 | 1 | 1 | ✓✓ | A/1C\_J |
| EHL0329 | HN II | Douyuanyou 299 | Dongan | 2007 | A | 0 | 0 | 1 | 1 | ✓ | A/1J |
| EHL0330 | HN II | T You 99 | Dongan | 2007 | A | 0 | 0 | 1 | 1 | ✓ | A/1J |
| EHL0331 | HN II | Xianfeng 501 | Dongan | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0337 | HN II | Jinyou 71 | Dongan | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0338 | HN II | Jinyou 898 | Dongan | 2007 | A | **1** | 1 | 1 | 1 | ✓✓ | A/1C\_J |
| EHL0339 | HN II | Nongping 001 | Dongan | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0340 | HN II | Weiyou 507 | Dongan | 2007 | A | 0 | 0 | 1 | 1 | ✓ | A/1J |
| EHL0341 | HN II | Weiyou 298 | Dongan | 2007 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0342 | HN II | Weiyou 463 | Dongan | 2007 | A | 0 | 0 | 1 | 1 | ✓ | A/1J |
| EHL0345 | HN II | T You 213 | Dongan | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0346 | HN II | T You 103 | Dongan | 2007 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0347 | HN II | T You 404 | Dongan | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0349 | HN II | Jinyou 402 | Dongan | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0350 | HN II | Xianfeng No.1 | Dongan | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0353 | HN II | Nongfengyou 909 | Dongan | 2007 | A | 0 | 0 | 1 | 1 | ✓ | A/1J |
| EHL0354 | HN II | Jinyou 821 | Dongan | 2007 | A | 0 | 0 | 1 | 1 | ✓ | A/1J |
| EHL0355 | HN II | Weiyou 463 | Dongan | 2007 | A | 0 | 0 | 1 | 1 | ✓ | A/1J |
| EHL0356 | HN II | Zhongyou No.1 | Dongan | 2007 | A | **1** | 1 | 1 | 1 | ✓✓ | A/1C\_J |
| EHL0360 | HN II | Zhongyou No.1 | Dongan | 2007 | A | **1** | 1 | 1 | 1 | ✓✓ | A/1C\_J |
| EHL0361 | HN II | Zhuliangyou 02 | Dongan | 2007 | A | **1** | 1 | 1 | 1 | ✓✓ | A/1C\_J |
| EHL0363 | HN II | Xiangnuo | Dongan | 2007 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0364 | HN II | T You 706 | Dongan | 2007 | A | 0 | 0 | 1 | 1 | ✓ | A/1J |
| EHL0365 | HN II | Zhongyou 493 | Dongan | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0367 | HN II | Jinyou 463 | Dongan | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0368 | HN II | Zhuliangyou 83 | Dongan | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0369 | HN III | Jinyou 899 | Daoxian | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0370 | HN III | Jinyou 463 | Daoxian | 2007 | A | **1** | 1 | 1 | 1 | ✓✓ | A/1C\_J |
| EHL0372 | HN III | Nuogu | Daoxian | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0373 | HN III | Jinyou 463 | Daoxian | 2007 | A | **1** | 1 | 1 | 1 | ✓✓ | A/1C\_J |
| EHL0374 | HN III | Shennongdao 101 | Daoxian | 2007 | A | **1** | 1 | 1 | 1 | ✓✓ | A/1C\_J |
| EHL0377 | HN I | Jing No.5 | Yiyang | 2007 | A | **1** | 1 | 0 | 0 | ✓ | A/1-C |
| EHL0378 | HN I | Wanxiang No. 13 | Taojiang | 2007 | A | **1** | 1 | 1 | 1 | ✓✓ | A/1C\_J |
| EHL0379 | HN I | Pin No. 3 | Taojiang | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0380 | HN I | Wannuo | Yiyang | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0381 | HN I | Wannuo | Yiyang | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0382 | HN I | Nuogu | YueYang | 2007 | A | **1** | 1 | 1 | 1 | ✓✓ | A/1C\_J |
| EHL0385 | HN II | II You 58 | Liuyang | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0386 | HN II | Minghui 63 | Liuyang | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0387 | HN II | II You 838 | Liuyang | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0393 | HN II | Y NO. 232 | Youxian | 2007 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0394 | HN II | Xinshanyou 64 | Anren | 2007 | A | **1** | 1 | 1 | 1 | ✓✓ | A/1C\_J |
| EHL0395 | HN IV | Zhongyou 288 | Huaihua | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0963 | HN I | Xianghuayou No. 7 | Taojiang | 2008 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0975 | HN I | Fuyou II | Taojiang | 2008 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0979 | HN II | Mixiang No.1 | Changsha | 2008 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0982 | HN II | Xiangwanxian No.17 | Changsha | 2008 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0987 | HN II | Chaojidao 527 | Zhuzhou | 2008 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0988 | HN II | Chaojidao 527 | Zhuzhou | 2008 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0989 | HN II | Xiangwanxian No.13 | Zhuzhou | 2008 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0991 | HN II | Xiangzaoxian 24 | Liling | 2008 | V | 0 | 0 | 0 | 0 |  | V/0 |
| **Guizhou population (∑60)** | | | |  |  | 17 | 17 | 5 | 5 | 17C+5J |  |
| CHL583 | GZ III | Chujing | Panxian | 2001 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| CHL584 | GZ I | Bendinuo | Danzhai | 2001 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| CHL586 | GZ VI | Baikejing | Nayong | 2001 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| CHL588 | GZ I | Aizinuo | Huaxi | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL589 | GZ I | K You 5 | Dushan | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL590 | GZ I | Bendigaonuo | Huaxi | 2001 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| CHL591 | GZ I | Nuodao | Dushan | 2001 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| CHL592 | GZ I | Nuodao | Xifeng | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL593 | GZ III | Nuodao | Panxian | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL594 | GZ I | Nuodao | Xifeng | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL597 | GZ VI | Baikejing | Nayong | 2001 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| CHL598 | GZ VI | Bijing 37 | Nayong | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL599 | GZ III | Nuodao | Xingren | 2001 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| CHL601 | GZ III | Gangyou 527 | Xingyi | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL602 | GZ I | Xieyou No.6 | Dushan | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL605 | GZ III | Gangyou 725 | Xingyi | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL610 | GZ I | D You 68 | Kaiyang | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL611 | GZ I | Jinwan 3 | Huaxi | 2001 | A | 0 | 0 | 1 | 1 | ✓ | A/1J |
| CHL612 | GZ VI | Maomaonuo | Nayong | 2001 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| CHL614 | GZ VI | 800 Li | Nayong | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL615 | GZ VI | 84-15 | Nayong | 2001 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| CHL616 | GZ VI | 800 Li | Nayong | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL617 | GZ VI | 84-15 | Nayong | 2001 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| CHL618 | GZ III | Gangyou 725 | Xingren | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL621 | GZ I | Feiduo No.1 | Zunyi | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL622 | GZ I | Nuodao | Xiuwen | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL624 | GZ I | Xinxiangyou 80 | Xiuwen | 2001 | A | 0 | 0 | 1 | 1 | ✓ | A/1J |
| CHL625 | GZ II | Unkown | Tianzhu | 2001 | A | 0 | 0 | 1 | 1 | ✓ | A/1J |
| CHL626 | GZ I | Nuodao | Kaiyang | 2001 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| CHL627 | GZ I | Bendinuo | Qingzhen | 2001 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| CHL629 | GZ IV | Liangyou 6078 | Liping | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL630 | GZ III | Manbaxiang | Xingyi | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL639 | GZ III | Gangyou 725 | Xingren | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL640 | GZ III | Guihuanuo | Xingyi | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL641 | GZ I | Xinxiangyou 80 | Xiuwen | 2001 | A | 0 | 0 | 1 | 1 | ✓ | A/1J |
| CHL643 | GZ I | Unkown | Yuqing | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL644 | GZ II | 79-16 | Sinan | 2001 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| CHL645 | GZ II | Baiyangnuo | Sinan | 2001 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| CHL646 | GZ II | Gangyou 22 | Sinan | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL648 | GZ II | Gangyou 22 | Sinan | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL649 | GZ II | Baiyangnuo | Sinan | 2001 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| CHL650 | GZ I | K77 | Zunyi | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL652 | GZ I | K77 | Zunyi | 2001 | A | **1** | 1 | 1 | 1 | ✓✓ | A/1C\_J |
| CHL653 | GZ II | 79-16 | Sinan | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL654 | GZ I | Feiduo No.1 | Zunyi | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL655 | GZ VI | Maomaonuo | Nayong | 2001 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| CHL656 | GZ I | Liangyou 63 | Taijiang | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL657 | GZ II | Shanyou 73 | Jianhe | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL658 | GZ I | Teyou 63 | Dushan | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL659 | GZ I | Xieyou 63 | Dushan | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL661 | GZ I | Shanyou 63 | Huangping | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL662 | GZ III | D You 527 | Xingyi | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL665 | GZ III | Gangyou | Xingyi | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL666 | GZ I | Shanyou 63 | Kaiyang | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL667 | GZ III | Teyou 559 | Xingyi | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL668 | GZ I | Jinyou 63 | Kaiyang | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL670 | GZ I | Gangyou 22 | Dushan | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL672 | GZ IV | Shanyou 63 | Congjiang | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL674 | GZ III | Guihuanuo | Xingyi | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL675 | GZ III | Kekexiang | Xingyi | 2001 | V | 0 | 0 | 0 | 0 |  | V/0 |
| **Liaoning population (∑60)** | | | |  |  | 24 | 24 | 0 | 0 | 24C+0J |  |
| EHL0396 | LN I | Minxi 12 | Zhuanghe | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0397 | LN I | Chenhong 59 | Zhuanghe | 2006 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0400 | LN I | Lige | Zhuanghe | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0409 | LN I | Yanjing 167 | Donggang | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0412 | LN I | Huanghai No.6 | Donggang | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0431 | LN I | Liaodan 203 | Donggang | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0433 | LN I | Liaohan 109 | Donggang | 2006 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0444 | LN II | Chenhong 59 | Pulandian | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0445 | LN II | Minxi 12 | Pulandian | 2006 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0446 | LN II | Gangyu 129 | Pulandian | 2006 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0447 | LN II | Koshihikari | Pulandian | 2006 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0468 | LN II | Maoyang No.3 | Fengchen | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0470 | LN II | Maoyang 3 | Fengchen | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0472 | LN II | Panjin 78-2 | Fengchen | 2006 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0474 | LN II | Chenhe No.1 | Fengchen | 2006 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0484 | LN II | Yuanfeng No.9 | Fushun | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0486 | LN II | Fuyou 504 | Fushun | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0489 | LN II | Shennong 0705 | Fushun | 2006 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0491 | LN II | Jijing 88 | Fushun | 2006 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0492 | LN II | Xin No.2 | Fushun | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0493 | LN II | Shennong 315 | Fushun | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0496 | LN II | Su 01-18 | Dashiqiao | 2006 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0498 | LN II | Yanfeng | Dashiqiao | 2006 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0499 | LN II | Yanfeng 47-12 | Dashiqiao | 2006 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0500 | LN III | Chenhe No.1 | Panjin | 2006 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0503 | LN III | Maoyang No.3 | Panjin | 2006 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0505 | LN III | Liaohe 12 | Panjin | 2006 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0509 | LN III | Yanjing 228 | Panjin | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0515 | LN III | Liaohe No.1 | Panjin | 2006 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0517 | LN III | Huadan 995 | Shenyang | 2006 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0519 | LN III | Huadan 995 | Tieling | 2006 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0879 | LN I | Liaoxing No.1 | Dandong | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0880 | LN I | Gangyu No.2 | Dandong | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0882 | LN I | Chenhe No.1 | Dandong | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0883 | LN I | Maoyang No.5 | Dandong | 2007 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0885 | LN I | Liaojing No.9 | Dandong | 2007 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0916 | LN II | Heixiangdao | Dalian | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0917 | LN II | Zhuangyan No.8 | Dalian | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0918 | LN II | Koshihikari | Dalian | 2007 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0919 | LN II | Yanfeng 47 | Dalian | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0921 | LN II | Gangyuan No.8 | Dalian | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0922 | LN II | Liaonong 06-7 | Qinyuan | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0925 | LN II | Fuxing 90 | Qinyuan | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0926 | LN II | Jijing 88 | Qinyuan | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0928 | LN II | Liaonong 06-7 | Xinbin | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0929 | LN II | Fu 9906 | Xinbin | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0930 | LN II | Xinyi 3 | Xinbin | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0932 | LN II | Xinyu No.3 | Xinbin | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0934 | LN II | Xinyu 4 | Xinbin | 2008 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0935 | LN II | Jijing 88 | Xinbin | 2007 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0936 | LN II | Shendao 37 | Xifeng | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0937 | LN II | Shennong 315 | Xifeng | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0939 | LN II | Xinyi No.3 | Xifeng | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0940 | LN II | Fuxing 90 | Xifeng | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0941 | LN II | Xinyi No.3 | Kaiyuan | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0942 | LN II | Shennong 9903 | Kaiyuan | 2007 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0943 | LN II | Huadan No.995 | Kaiyuan | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0944 | LN II | Fuxing 90 | Kaiyuan | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0961 | LN IV | Chenhe No.1 | Suizhong | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0962 | LN IV | Yanjing 218 | Suizhong | 2007 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| **Jilin population (∑60)** | | | |  |  | 8 | 8 | 0 | 0 | 8C+0J |  |
| CHL678 | JL I | Tong 31 | Yongji | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL680 | JL I | Ji 04 | Yongji | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL682 | JL I | Tong 313 | Yongji | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL684 | JL I | Fengyou 201 | Yongji | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL686 | JL I | Pingjing 1 | Yongji | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL688 | JL I | Jiu 01 C 6 | Yongji | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL690 | JL I | Changbai 9 | Shulan | 2003 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| CHL692 | JL I | Dongnong V 7 | Shulan | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL693 | JL I | Yan 312 | Shulan | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL695 | JL I | Songjing 6 | Shulan | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL697 | JL I | 301 | Shulan | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL699 | JL I | Tongyu 12 | Shulan | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL700 | JL I | Wuyou 1 | Shulan | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL701 | JL I | 99-35 | Panshi | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL702 | JL I | Tongfeng No. 3 | Panshi | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL703 | JL I | Ji 01-3628 | Panshi | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL704 | JL I | Pingjing No. 2 | Panshi | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL705 | JL I | Chang 6 | Panshi | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL708 | JL IV | Tongjing 612 | Jiaohe | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL710 | JL IV | Yan 313 | Jiaohe | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL712 | JL IV | Changbai 9 | Jiaohe | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL713 | JL IV | Jinlang No. 1 | Jiaohe | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL714 | JL IV | Wuyou C | Jiaohe | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL719 | JL IV | 124 | Jiaohe | 2003 | A | 1 | 1 | 0 | 0 | ✓ | A/1C |
| CHL718 | JL IV | Changlixiang 12 | Jiaohe | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL721 | JL I | Jiu 01 D 13 | Jilin | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL722 | JL I | Ji T620-4 | Jilin | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL724 | JL I | T 02 | Jilin | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL725 | JL I | Tongjing 790 B | Jilin | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL730 | JL I | Tongnian 3 | Jilin | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL731 | JL I | Tongyu 308 | Jilin | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL733 | JL I | Tongnian 23 | Meihekou | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL734 | JL I | Tong 3158 | Liuhe | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL735 | JL I | Daliwang | Liuhe | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL736 | JL I | Unknown | Lishu | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL737 | JL I | Unknown | Yitong | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL739 | JL I | 182 | Jiutai | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL740 | JL I | 183 | Jiutai | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL741 | JL I | No. 55 | Jiutai | 2003 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| CHL742 | JL I | No. 55 | Jiutai | 2003 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| CHL743 | JL I | No. 52 | Jiutai | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL744 | JL I | Tong 793 | Dehui | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL745 | JL I | Tong 190 | Dehui | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL748 | JL I | Changxiangsi | Dongfeng | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL749 | JL I | Tongjing 769 | Dongfeng | 2003 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| CHL750 | JL I | 307 | Dongfeng | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL751 | JL I | Tongyin 58 | Dongfeng | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL752 | JL I | Zupei 11 | Dongfeng | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL754 | JL I | Chaochan 2 | Gongzhuling | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL755 | JL I | Unknown | Yitong | 2003 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL756 | JL I | Xueguang | Yongji | 2002 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL757 | JL IV | Unknown | Jiaohe | 2002 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL759 | JL III | Shangyu No. 397 | Helong | 2002 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL760 | JL I | Menggudao | Meihekou | 2002 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL761 | JL I | 403 | Liuhe | 2002 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL762 | JL I | 112 | Liuhe | 2002 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL764 | JL I | Tong 458 | Dongfeng | 2002 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| CHL765 | JL I | Unknown | Gongzhuling | 2002 | V | 0 | 0 | 0 | 0 |  | V/0 |
| CHL766 | JL I | Unknown | Gongzhuling | 2002 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| CHL767 | JL I | 939 | Baichen | 2002 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| **Heilongjiang population (∑60)** | | | |  |  | 6 | 6 | 0 | 0 | 6C+0J |  |
| EHL0524 | HLJ III | Songjing 7 | Zhaoyuan | 2006 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0527 | HLJ II | Kendao 10 | Anqin | 2006 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0532 | HLJ II | Song 98-131 | Anqin | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0540 | HLJ I | Songjing 10 | Achen | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0547 | HLJ II | Kendao 12 | Tonghe | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0555 | HLJ II | Kuyuku 131 | Tonghe | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0557 | HLJ II | Suijing No.4 | Tonghe | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0559 | HLJ II | Dongnong 220 | Shangzhi | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0560 | HLJ II | Puyou 18 | Shangzhi | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0567 | HLJ II | Wuyoudao No.3 | Shangzhi | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0568 | HLJ II | Wuyoudao No.3 | Shangzhi | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0570 | HLJ II | Mudanjiang 19 | Shangzhi | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0571 | HLJ II | Kendao 10 | Shangzhi | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0592 | HLJ II | Shangyu 397 | Muling | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0598 | HLJ III | Punian No.7 | Hulin | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0599 | HLJ III | Kenjiandao No.6 | Hulin | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0605 | HLJ III | Kuyuku 131 | Hulin | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0611 | HLJ III | Kendao 12 | Hulin | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0612 | HLJ II | Kuyuku 131 | Mishan | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0615 | HLJ II | Suijing No.4 | Mishan | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0619 | HLJ II | Kuyuku 131 | Mishan | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0622 | HLJ II | Longdun 02-318 | Jidong | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0624 | HLJ II | Kuyuku 131 | Tangyuan | 2006 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0625 | HLJ II | Kuyuku 131 | Huachuan | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0629 | HLJ II | Longdun 102 | Jiamusi | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0633 | HLJ II | Kuyuku 131 | Jiamusi | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0634 | HLJ II | Kuyuku 131 | Baoqin | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0637 | HLJ II | Kuyuku 131 | Jixian | 2006 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0750 | HLJ I | Kuyuku 131 | Mudanjiang | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0755 | HLJ II | Kuyuku 131 | Tangyuan | 2006 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0757 | HLJ II | Kendao No.6 | Tangyuan | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0764 | HLJ II | Kendao No.11 | Qinan | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0766 | HLJ II | Kuyuku 131 | Qinan | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0770 | HLJ II | Longjing 17 | Qinan | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0776 | HLJ I | Kendao No.6 | Mudanjiang | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0779 | HLJ I | Kuyuku 131 | Mudanjiang | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0781 | HLJ I | Longjing 17 | Mudanjiang | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0787 | HLJ III | Kenjiandao 13 | Jiansanjiang | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0790 | HLJ III | Kuyuku 131 | Jiansanjiang | 2006 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0794 | HLJ I | Jite 639 | Wuchang | 2007 | A | **1** | 1 | 0 | 0 | ✓ | A/1C |
| EHL0798 | HLJ III | Songjing 3 | Zhaodong | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0801 | HLJ III | Songjing 12 | Zhaodong | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0814 | HLJ III | Jijing 106 | Zhaodong | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0821 | HLJ I | Songjing 5 | Shuangchen | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0828 | HLJ I | Songjing 6 | Shuangchen | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0830 | HLJ II | Kendao 12 | Fangzheng | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0834 | HLJ I | Menggudao | Mudanjiang | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0836 | HLJ I | Shangyu 397 | Mudanjiang | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0837 | HLJ I | Shangyu 397 | Mudanjiang | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0838 | HLJ I | Shangyu 397 | Mudanjiang | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0849 | HLJ II | Kuyuku 131 | Muling | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0850 | HLJ II | Kuyuku 131 | Muling | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0856 | HLJ II | Puyou 9 | Muling | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0858 | HLJ II | Puyou 9 | Muling | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0864 | HLJ II | Unkown | Jidong | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0866 | HLJ III | Longjing 17 | Hulin | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0868 | HLJ III | Kenjiandao 10 | Hulin | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0869 | HLJ III | Kenjiandao 10 | Hulin | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0870 | HLJ III | Longjing 17 | Hulin | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| EHL0871 | HLJ III | Longjing 17 | Hulin | 2007 | V | 0 | 0 | 0 | 0 |  | V/0 |
| **Outgroup (weed-derived isolates) (∑17)** | | | |  |  | 0 | 0 | 7 |  | 0C+7J |  |
| CHL325 | N/A | Weed | Guangzhou | 2001 | ALL A | 0 | 0 | 0 | 0 |  | A/0 |
| CHL326 | N/A | Weed | Guangzhou | 2001 | ALL A | 0 | 0 | 0 | 0 |  | A/0 |
| CHL329 | N/A | Weed | Guangzhou | 2001 | ALL A | 0 | 0 | 0 | 0 |  | A/0 |
| CHL330 | N/A | Weed | Guangzhou | 2001 | ALL A | 0 | 0 | 0 | 0 |  | A/0 |
| CHL331 | N/A | Weed | Guangzhou | 2001 | ALL A | 0 | 0 | 0 | 0 |  | A/0 |
| CHL332 | N/A | Weed | Guangzhou | 2001 | ALL A | 0 | 0 | 0 | 0 |  | A/0 |
| EHL2032 | N/A | Weed | Hainan | 2016 | ALL A | 0 | 0 | 1 | 1 | ✓ | A/1J |
| EHL2034 | N/A | Weed | Hainan | 2016 | ALL A | 0 | 0 | 1 | 1 | ✓ | A/1J |
| EHL2040 | N/A | Weed | Hainan | 2016 | ALL A | 0 | 0 | 1 | 1 | ✓ | A/1J |
| EHL2042 | N/A | Weed | Hainan | 2016 | ALL A | 0 | 0 | 1 | 1 | ✓ | A/1J |
| EHL2046 | N/A | Weed | Hainan | 2016 | ALL A | 0 | 0 | 0 | 0 |  | A/0 |
| EHL2051 | N/A | Weed | Hainan | 2017 | ALL A | 0 | 0 | 1 | 1 | ✓ | A/1J |
| EHL2052 | N/A | Weed | Hainan | 2017 | ALL A | 0 | 0 | 1 | 1 | ✓ | A/1J |
| EHL2053 | N/A | Weed | Hainan | 2017 | ALL A | 0 | 0 | 0 | 0 |  | A/0 |
| EHL2054 | N/A | Weed | Hainan | 2017 | ALL A | 0 | 0 | 0 | 0 |  | A/0 |
| EHL2055 | N/A | Weed | Hainan | 2017 | ALL A | 0 | 0 | 0 | 0 |  | A/0 |
| EHL2056 | N/A | Weed | Hainan | 2017 | ALL A | 0 | 0 | 1 | 1 | ✓ | A/1J |

a The rice-growing areas in the respective provinces, China, were adopted from Regionalization of Rice Cropping in China Edited in 1988 by China National Rice Research Institute, Hangzhou, China (45); and GD I and GD II mean #1 and #2 rice-growing areas, respectively, in Guangdong province and so on; N/A, data not available.

b 2008E and 2008L mean Early season (from March to July) and Late season (from July to November) in 2008, respectively and so on.

c Phenotype was derived from the *Pii* carrier, IRBLi-F5; A, avirulent; V, virulent; All A, those could not infect the *Pii* carrier, as well as several susceptible check cultivars thereby calling them as non-rice pathogen.

d PCR product-based genotypes 0, 1, respectively, indicate absence and presence of amplicon detected.

e Isolates marked by ✓ and ✓ ✓, respectively, indicate one and two copy/copies, those were subjected to resequencing.

f The integrated phenotype/genotypes, A/0 and V/0, respectively, indicate non-rice pathogen, and rice pathogen lack of *AvrPii*; A/1C, A/1J, and A1C\_J, respectively, the rice pathogen isolates carried C, J, and C\_J copy/copies those were avirulent on the *Pii* carrier.