Comparison of 149SNP(2007-10-08 datestamp) and 2010 data

Yu Huang

January 7, 2008

Abstract

Contents

1 Summary 1

1

2 Real Mismatches (deletion/NA excluded)

1 Summary

Table 1: data_y10001101.tsv vs data_2010_x_149SNP.tsv

| | | - | NA | A | С | G | T | AC | AG | AT | $^{\mathrm{CG}}$ | CT | GT |
|---------------------|------|---|-----|------|------|------|------|----|----|----|------------------|----|----|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NA | 3070 | 8 | 164 | 835 | 637 | 835 | 504 | 0 | 1 | 0 | 1 | 1 | 1 |
| A | 5026 | 1 | 150 | 2954 | 8 | 23 | 3 | 2 | 10 | 2 | 0 | 0 | 0 |
| \mathbf{C} | 4158 | 0 | 142 | 3 | 2402 | 5 | 18 | 0 | 0 | 0 | 3 | 5 | 0 |
| \mathbf{G} | 5036 | 0 | 150 | 23 | 2 | 2997 | 6 | 0 | 5 | 0 | 1 | 0 | 1 |
| ${ m T}$ | 4386 | 3 | 122 | 3 | 13 | 5 | 2792 | 0 | 0 | 1 | 0 | 4 | 2 |
| AC | 22 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \overline{AG} | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AT | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| $^{\mathrm{CG}}$ | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CT | 60 | 0 | 2 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| GT | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

${\bf 2}\quad {\bf Real\ Mismatches\ (deletion/NA\ excluded)}$

Table 2: mismatches (deletion/NA excluded)

| row id1 | col id1 | call1 | row id2 | col id2 | call2 |
|---------|---------------|---------------|---------|---------------|---------------------|
| Van-0 | AtMSQTsnp 390 | Т | 8400 | AtMSQTsnp 390 | СТ |
| Van-0 | AtMSQTsnp 397 | T | 8400 | AtMSQTsnp 397 | GT |
| Van-0 | AtMSQTsnp 378 | C | 8400 | AtMSQTsnp 378 | CG |
| Van-0 | AtMSQTsnp 29 | A | 8400 | AtMSQTsnp 29 | AT |
| Van-0 | AtMSQTsnp 242 | C | 8400 | AtMSQTsnp 242 | CT |
| Van-0 | AtMSQTsnp 108 | G | 8400 | AtMSQTsnp 108 | \overline{AG} |
| Van-0 | AtMSQTsnp 101 | A | 8400 | AtMSQTsnp 101 | \overline{AG} |
| Van-0 | AtMSQTsnp 359 | G | 8400 | AtMSQTsnp 359 | GT |
| Van-0 | AtMSQTsnp 395 | A | 8400 | AtMSQTsnp 395 | AG |
| Van-0 | AtMSQTsnp 260 | A | 8400 | AtMSQTsnp 260 | AC |
| Van-0 | AtMSQTsnp 266 | Γ | 8400 | AtMSQTsnp 266 | GT |
| Van-0 | AtMSQTsnp 267 | С | 8400 | AtMSQTsnp 267 | CT |
| Van-0 | AtMSQTsnp 410 | G | 8400 | AtMSQTsnp 410 | AG |
| Van-0 | AtMSQTsnp 188 | С | 8400 | AtMSQTsnp 188 | CT |
| Van-0 | AtMSQTsnp 323 | A | 8400 | AtMSQTsnp 323 | \overline{AG} |
| Van-0 | AtMSQTsnp 285 | Γ | 8400 | AtMSQTsnp 285 | CT |
| Van-0 | AtMSQTsnp 281 | Γ | 8400 | AtMSQTsnp 281 | C |
| Van-0 | AtMSQTsnp 97 | C | 8400 | AtMSQTsnp 97 | CG |
| Van-0 | AtMSQTsnp 90 | C | 8400 | AtMSQTsnp 90 | CT |
| Van-0 | AtMSQTsnp 197 | A | 8400 | AtMSQTsnp 197 | AG |
| Van-0 | AtMSQTsnp 214 | A | 8400 | AtMSQTsnp 214 | \overline{AG} |
| Van-0 | AtMSQTsnp 194 | Γ | 8400 | AtMSQTsnp 194 | AT |
| Van-0 | AtMSQTsnp 63 | A | 8400 | AtMSQTsnp 63 | AC |
| Van-0 | AtMSQTsnp 65 | A | 8400 | AtMSQTsnp 65 | AG |
| Van-0 | AtMSQTsnp 203 | A | 8400 | AtMSQTsnp 203 | AT |
| Van-0 | AtMSQTsnp 11 | $\mid T \mid$ | 8400 | AtMSQTsnp 11 | CT |
| Van-0 | AtMSQTsnp 12 | A | 8400 | AtMSQTsnp 12 | G |
| Van-0 | AtMSQTsnp 87 | С | 8400 | AtMSQTsnp 87 | CT |
| Van-0 | AtMSQTsnp 8 | G | 8400 | AtMSQTsnp 8 | AG |
| Van-0 | AtMSQTsnp 220 | A | 8400 | AtMSQTsnp 220 | G |

| Pi-0 | AtMSQTsnp 274 | G | 8356 | AtMSQTsnp 274 | T |
|---------|--------------------------------|--------------------------------|------|--------------------------------|-------------------------------|
| Pi-0 | AtMSQTsnp 279 | Γ | 8356 | AtMSQTsnp 279 | С |
| Ler-1 | AtMSQTsnp 159 | С | 8324 | AtMSQTsnp 159 | ${ m T}$ |
| 1201 1 | AtMSQTsnp 373 | Ğ | 8350 | AtMSQTsnp 373 | Ā |
| Fei-0 | AtMSQTsnp 223 | G | 8294 | AtMSQTsnp 223 | AG |
| | | I | | • - | |
| Lom1-1 | AtMSQTsnp 278 | G | 6042 | AtMSQTsnp 278 | A |
| Stu1-1 | AtMSQTsnp 274 | $\mid T \mid$ | 6088 | AtMSQTsnp 274 | G |
| PHW-34 | AtMSQTsnp 274 | G | 8244 | AtMSQTsnp 274 | ${ m T}$ |
| Lz-0 | AtMSQTsnp 159 | \sim | 8336 | AtMSQTsnp 159 | ${ m T}$ |
| Ct-1 | AtMSQTsnp 292 | $^{\circ}$ C | 8280 | AtMSQTsnp 292 | ${ m T}$ |
| Mrk-0 | AtMSQTsnp 325 | Γ | 8339 | AtMSQTsnp 325 | \mathbf{C} |
| HR-5 | AtMSQTsnp 114 | A | 8309 | AtMSQTsnp 114 | $\overline{\mathrm{AG}}$ |
| | | I | | | |
| Ra-0 | AtMSQTsnp 321 | C | 8364 | AtMSQTsnp 321 | A |
| Ra-0 | AtMSQTsnp 223 | A | 8364 | AtMSQTsnp 223 | G |
| Ra-0 | AtMSQTsnp 334 | $\mid T \mid$ | 8364 | AtMSQTsnp 334 | \mathbf{C} |
| Mt-0 | AtMSQTsnp 138 | CT | 8341 | AtMSQTsnp 138 | $^{\mathrm{C}}$ |
| Ren-1 | AtMSQTsnp 388 | С | 8367 | AtMSQTsnp 388 | \mathbf{A} |
| L | AtMSQTsnp 370 | G | 6043 | AtMSQTsnp 370 | A |
| Ms-0 | AtMSQTsnp 249 | A | 8340 | AtMSQTsnp 249 | \overline{AG} |
| | | I | | • • | |
| Ms-0 | AtMSQTsnp 173 | G | 8340 | AtMSQTsnp 173 | A |
| Ms-0 | AtMSQTsnp 177 | A | 8340 | AtMSQTsnp 177 | AG |
| Ms-0 | AtMSQTsnp 323 | G | 8340 | AtMSQTsnp 323 | \overline{AG} |
| DraII-1 | AtMSQTsnp 274 | G | 8284 | AtMSQTsnp 274 | ${ m T}$ |
| DraII-1 | AtMSQTsnp 279 | Γ | 8284 | AtMSQTsnp 279 | CT |
| DraII-1 | AtMSQTsnp 278 | A | 8284 | AtMSQTsnp 278 | AG |
| | | | 1 | | |
| Gul1-2 | AtMSQTsnp 274 | T | 8234 | AtMSQTsnp 274 | G |
| Bil-7 | AtMSQTsnp 370 | G | 8263 | AtMSQTsnp 370 | A |
| C24 | AtMSQTsnp 138 | CT | 8273 | AtMSQTsnp 138 | \mathbf{C} |
| Wt-5 | AtMSQTsnp 334 | C | 8407 | AtMSQTsnp 334 | ${ m T}$ |
| Duk | AtMSQTsnp 278 | G | 6008 | AtMSQTsnp 278 | \mathbf{A} |
| Sf-1 | AtMSQTsnp 274 | $\stackrel{\circ}{ m T}$ | 8380 | AtMSQTsnp 274 | G |
| Sf-1 | AtMSQTsnp 278 | G | 8380 | AtMSQTsnp 278 | A |
| | | ı | | | |
| Got-22 | AtMSQTsnp 306 | G | 8298 | AtMSQTsnp 306 | \overline{CG} |
| L | AtMSQTsnp 370 | G | 6046 | AtMSQTsnp 370 | \mathbf{A} |
| CIBC-5 | AtMSQTsnp 244 | G | 8277 | AtMSQTsnp 244 | A |
| CIBC-5 | AtMSQTsnp 321 | C | 8277 | AtMSQTsnp 321 | \mathbf{A} |
| CIBC-5 | AtMSQTsnp 223 | G | 8277 | AtMSQTsnp 223 | \mathbf{A} |
| CIBC-5 | AtMSQTsnp 334 | $\stackrel{\sim}{ m T}$ | 8277 | AtMSQTsnp 334 | C |
| 1 | | CT | | | C |
| CIBC-5 | AtMSQTsnp 138 | I | 8277 | AtMSQTsnp 138 | |
| CIBC-5 | AtMSQTsnp 307 | A | 8277 | AtMSQTsnp 307 | T |
| CIBC-5 | AtMSQTsnp 306 | C | 8277 | AtMSQTsnp 306 | G |
| CIBC-5 | AtMSQTsnp 304 | $\mid T \mid$ | 8277 | AtMSQTsnp 304 | \mathbf{C} |
| CIBC-17 | AtMSQTsnp 244 | A | 8276 | AtMSQTsnp 244 | G |
| CIBC-17 | AtMSQTsnp 114 | A | 8276 | AtMSQTsnp 114 | G |
| CIBC-17 | AtMSQTsnp 321 | A | 8276 | AtMSQTsnp 321 | \mathbf{C} |
| CIBC-17 | AtMSQTsnp 327 | T | 8276 | AtMSQTsnp 327 | $\overset{\circ}{\mathrm{G}}$ |
| 1 | | G | | | |
| CIBC-17 | AtMSQTsnp 415 | l | 8276 | AtMSQTsnp 415 | A |
| CIBC-17 | AtMSQTsnp 223 | A | 8276 | AtMSQTsnp 223 | G |
| CIBC-17 | AtMSQTsnp 334 | C | 8276 | AtMSQTsnp 334 | ${ m T}$ |
| CIBC-17 | AtMSQTsnp 159 | $\mid T \mid$ | 8276 | AtMSQTsnp 159 | \mathbf{C} |
| CIBC-17 | AtMSQTsnp 307 | T | 8276 | AtMSQTsnp 307 | A |
| NFA-10 | AtMSQTsnp 159 | Γ | 8345 | AtMSQTsnp 159 | \mathbf{C} |
| Tsu-1 | AtMSQTsnp 334 | С | 8394 | AtMSQTsnp 334 | ${ m T}$ |
| Tsu-1 | AtMSQTsnp 138 | $\stackrel{\circ}{\mathrm{T}}$ | 8394 | AtMSQTsnp 138 | C |
| Bor-1 | AtMSQTsnp 368 | G | 5837 | AtMSQTsnp 368 | A |
| | | I | 1 | | |
| Bor-1 | AtMSQTsnp 129 | A | 5837 | AtMSQTsnp 129 | G |
| Bor-1 | AtMSQTsnp 30 | T | 5837 | AtMSQTsnp 30 | С |
| Bor-1 | AtMSQTsnp 31 | $\mid T \mid$ | 5837 | AtMSQTsnp 31 | \mathbf{G} |
| Bor-1 | AtMSQTsnp 390 | C | 5837 | AtMSQTsnp 390 | ${ m T}$ |
| Bor-1 | AtMSQTsnp 394 | A | 5837 | AtMSQTsnp 394 | \mathbf{G} |
| Bor-1 | AtMSQTsnp 288 | A | 5837 | AtMSQTsnp 288 | G |
| Bor-1 | AtMSQTsnp 398 | G | 5837 | AtMSQTsnp 398 | C |
| Bor-1 | AtMSQTsnp 398 AtMSQTsnp 254 | A | 5837 | AtMSQTsnp 398 AtMSQTsnp 254 | C |
| | | | | | |
| Bor-1 | AtMSQTsnp 76 | C | 5837 | AtMSQTsnp 76 | \mathbf{T} |
| Bor-1 | AtMSQTsnp 310 | A | 5837 | AtMSQTsnp 310 | С |
| Bor-1 | AtMSQTsnp 379 | A | 5837 | AtMSQTsnp 379 | G |
| Bor-1 | AtMSQTsnp 373 | A | 5837 | AtMSQTsnp 373 | \mathbf{G} |
| Bor-1 | AtMSQTsnp 370 | A | 5837 | AtMSQTsnp 370 | G |
| Bor-1 | AtMSQTsnp 21 | T | 5837 | AtMSQTsnp 21 | C |
| Bor-1 | AtMSQTsnp 21 AtMSQTsnp 22 | A | 5837 | AtMSQTsnp 21 AtMSQTsnp 22 | G |
| | | | | | |
| Bor-1 | AtMSQTsnp 249 | G | 5837 | AtMSQTsnp 249 | A |
| Bor-1 | AtMSQTsnp 406 | A | 5837 | AtMSQTsnp 406 | G |
| Bor-1 | AtMSQTsnp 408 | A | 5837 | AtMSQTsnp 408 | \mathbf{G} |
| Bor-1 | AtMSQTsnp 343 | $\mid \mathrm{T} \mid$ | 5837 | AtMSQTsnp 343 | \mathbf{C} |
| Bor-1 | AtMSQTsnp 100 | G | 5837 | AtMSQTsnp 100 | \mathbf{A} |
| Bor-1 | AtMSQTsnp 57 | C | 5837 | AtMSQTsnp 57 | $^{\mathrm{T}}$ |
| Bor-1 | AtMSQTsnp 58 | $\stackrel{\circ}{\mathrm{C}}$ | 5837 | AtMSQTsnp 58 | G |
| 1 | AtMSQTsnp 38 AtMSQTsnp 278 | ! | | AtMSQTsnp 278 | |
| Bor-1 | | A | 5837 | | G |
| Bor-1 | AtMSQTsnp 177 | G | 5837 | AtMSQTsnp 177 | A |
| Bor-1 | AtMSQTsnp 355 | G | 5837 | AtMSQTsnp 355 | Т |
| Bor-1 | AtMSQTsnp 294 | $\mid G \mid$ | 5837 | AtMSQTsnp 294 | ${ m T}$ |
| | | | | | |

| Bor-1 | AtMSQTsnp 358 | G | 5837 | AtMSQTsnp 358 | A |
|---------|---------------|----------|------|---------------|------------------|
| Bor-1 | AtMSQTsnp 40 | С | 5837 | AtMSQTsnp 40 | G |
| Bor-1 | AtMSQTsnp 49 | С | 5837 | AtMSQTsnp 49 | ${ m T}$ |
| Bor-1 | AtMSQTsnp 48 | С | 5837 | AtMSQTsnp 48 | ${ m T}$ |
| Bor-1 | AtMSQTsnp 263 | С | 5837 | AtMSQTsnp 263 | T |
| Bor-1 | AtMSQTsnp 410 | G | 5837 | AtMSQTsnp 410 | A |
| Bor-1 | AtMSQTsnp 184 | A | 5837 | AtMSQTsnp 184 | T |
| Bor-1 | AtMSQTsnp 187 | Γ | 5837 | AtMSQTsnp 187 | A |
| Bor-1 | AtMSQTsnp 188 | С | 5837 | AtMSQTsnp 188 | ${ m T}$ |
| Bor-1 | AtMSQTsnp 321 | A | 5837 | AtMSQTsnp 321 | С |
| Bor-1 | AtMSQTsnp 323 | G | 5837 | AtMSQTsnp 323 | A |
| Bor-1 | AtMSQTsnp 325 | С | 5837 | AtMSQTsnp 325 | ${ m T}$ |
| Bor-1 | AtMSQTsnp 123 | A | 5837 | AtMSQTsnp 123 | G |
| Bor-1 | AtMSQTsnp 97 | С | 5837 | AtMSQTsnp 97 | G |
| Bor-1 | AtMSQTsnp 194 | Γ | 5837 | AtMSQTsnp 194 | A |
| Bor-1 | AtMSQTsnp 191 | A | 5837 | AtMSQTsnp 191 | C |
| Bor-1 | AtMSQTsnp 130 | С | 5837 | AtMSQTsnp 130 | ${ m T}$ |
| Bor-1 | AtMSQTsnp 67 | A | 5837 | AtMSQTsnp 67 | G |
| Bor-1 | AtMSQTsnp 145 | С | 5837 | AtMSQTsnp 145 | ${ m T}$ |
| Bor-1 | AtMSQTsnp 91 | A | 5837 | AtMSQTsnp 91 | G |
| Bor-1 | AtMSQTsnp 92 | A | 5837 | AtMSQTsnp 92 | G |
| Bor-1 | AtMSQTsnp 223 | A | 5837 | AtMSQTsnp 223 | G |
| Bor-1 | AtMSQTsnp 12 | G | 5837 | AtMSQTsnp 12 | A |
| Bor-1 | AtMSQTsnp 159 | С | 5837 | AtMSQTsnp 159 | T |
| Bor-1 | AtMSQTsnp 88 | G | 5837 | AtMSQTsnp 88 | A |
| Bor-1 | AtMSQTsnp 2 | G | 5837 | AtMSQTsnp 2 | A |
| Bor-1 | AtMSQTsnp 220 | A | 5837 | AtMSQTsnp 220 | G |
| Bor-1 | AtMSQTsnp 388 | A | 5837 | AtMSQTsnp 388 | C |
| Bor-1 | AtMSQTsnp 286 | G | 5837 | AtMSQTsnp 286 | C |
| Bor-1 | AtMSQTsnp 300 | G | 5837 | AtMSQTsnp 300 | A |
| NC-6 | AtMSQTsnp 274 | G | 8246 | AtMSQTsnp 274 | T |
| NC-6 | AtMSQTsnp 278 | A | 8246 | AtMSQTsnp 278 | G |
| Nok-3 | AtMSQTsnp 334 | T | 8347 | AtMSQTsnp 334 | C |
| Kno-10 | AtMSQTsnp 378 | С | 8317 | AtMSQTsnp 378 | G |
| Zdr-1 | AtMSQTsnp 260 | A | 8409 | AtMSQTsnp 260 | C |
| Kz-1 | AtMSQTsnp 15 | С | 8320 | AtMSQTsnp 15 | ${ m T}$ |
| RRS-10 | AtMSQTsnp 140 | A | 8372 | AtMSQTsnp 140 | C |
| Kin-0 | AtMSQTsnp 138 | CT | 8316 | AtMSQTsnp 138 | C |
| Yo-0 | AtMSQTsnp 138 | CT | 8408 | AtMSQTsnp 138 | C |
| F4 | AtMSQTsnp 97 | С | 8293 | AtMSQTsnp 97 | $^{\mathrm{CG}}$ |
| F4 | AtMSQTsnp 307 | A | 8293 | AtMSQTsnp 307 | T |
| Kondara | AtMSQTsnp 114 | G | 8319 | AtMSQTsnp 114 | A |
| | | - | | | |