Erratum to: IL28B SNP screening and distribution in the French Canadian population using a rapid PCR-based test

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Published online: 1 March 2015
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Erratum to: Immunogenetics (2013) 65:397–403
DOI 10.1007/s00251-013-0688-7

We have realized very recently that two of the primer sets and PCR conditions described in the paper unintentionally listed the sequences of two earlier sets of primers that were suboptimal.

Table 1 IL28B PCR and sequencing primers

| Primer name | Sequence (5’-3’) | Description |
|-------------|------------------|-------------|
| rs12979860  | CCCAGCAGGCCTCTCTCTAC | reverse primer for all purposes |
| rs12-Reverse| GAGGATCCCTCCTGGGGCGC | forward primer for sequencing |
| rs12-Forward-Seq| GGAGCTCCCCGAAGGCCGC | forward primer for testing genotype C |
| rs12-Forward-C | GGGAGCTCCCCGAAGGCCGT | forward primer for testing genotype T |
| rs12-Forward-T | GGGAGCTCCCCGAAGGCCGT | forward primer for testing genotype T |
| rs8099917   | CCACTTCTGAAACAAATCGTC | reverse primer for all purposes |
| rs80-Reverse-Seq| TTAGGCCTGTGGATGAGGC | reverse primer for sequencing |
| rs80-Reverse-G | GGTTCCAATTTGCGTGAC | reverse primer for testing genotype G |
| rs80-Reverse-T | GGTTCCAATTTGCGTGAC | reverse primer for testing genotype T |

The final primer sets and PCR conditions used to generate all the data in the paper are now listed in a revised version of Table 1 (below). This revised set of primers and conditions were reordered and re-tested as an additional confirmation step.

The online version of the original article can be found at http://dx.doi.org/10.1007/s00251-013-0688-7.

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Correction for PCR conditions within Patients and Methods section (Changes are underlined):

PCR amplification and IL28B genotyping by sequencing:
PCR conditions were as follows: initial denaturation cycle at 94°C for 2 min, 35 amplification cycles (for rs12979860) or 40 amplification cycles (for rs8099917) of 94°C for 30 s, 55.5°C for 1 min, and 72°C for 3 min. rs12979860.

IL28B screening by PCR:
PCR conditions in thermocycler (Biometra, Goettingen, Germany) were as follows: initial denaturation at 94°C for 2 min, followed by 35 cycles of 94°C for 30 s, 65°C for 15 s, and 72°C for 1 min for rs12979860 or 40 cycles of 94°C for 30 s, 54.5°C for 15 s, and 72°C for 1 min for rs8099917.

Additional Corrections to the Text:

Page 399, paragraph entitled: "Development of a rapid PCR-based screening for IL28B SNPs",
Line 6: The sentence, without the word "reverse", should read: "The test primers were designed so that the last nucleotide is the targeted SNP and the primer would therefore anneal or not depending on the patient’s or sample genotype".

We sincerely regret the unintentional error.