**Table 2**
Genetic findings of the patients with *CEBPA* mutations.

| Patient | Category | Nucleotide changes | Amino acid changes | Comments |
|---|---|---|---|---|
| 4 | double | 218_219insC | H24fsX107 | Produces N-terminal stop codon |
| | | 1129_1130insATGTGGAGACGCAGCAGAAGGTGCTGGAGCTGACCAGTGACAATGACCGCCTGCGCAAGC | K326_R327insHVETQQKVLELTSDNDRLRK | In-frame insertion in bZIP |
| 6 | double | 200_218delinsCT | S17fsX101 | Produces N-terminal stop codon |
| | | 1087_1089dup | K313dup | In-frame duplication in bZIP |
| 7 | double | 368_369insA | F73fsX107 | Produces N-terminal stop codon |
| | | 1080_1082del | Q312del | In-frame deletion in bZIP |
| 13 | double | 303_316del | L52fsX102 | Produces N-terminal stop codon |
| | | 1062_1063insTTG | K304_Q305insL | In-frame insertion in bZIP |
| 19 | double | 215_225del | P23fsX103 | Produces N-terminal stop codon |
| | | 1101_1102insCAGCGCAACGTGGAGACGCAGCAGAAGGTGCTGGAGCTG | L317_T318insQRNVETQQKVLEL | In-frame insertion in bZIP |
| 22 | double | 213del | P23fsX159 | Produces N-terminal stop codon |
| | | 1064_1129dup | K326_R327insQRNVETQQKVLELTSDNDRLRK | In-frame insertion in bZIP |
| 27 | double | 324_328dup | S61fsX161 | Produces N-terminal stop codon |
| | | 1062_1063insTTG | K304_Q305insL | In-frame insertion in bZIP |
| 39 | double | 213del | P23fsX159 | Produces N-terminal stop codon |
| | | 1081-1086dup | Q311_Q312dup | In-frame duplication in bZIP |
| 47 | double | 397del | Q83fsX159 | Produces N-terminal stop codon |
| | | 1101_1102insCAGCGCAACGTGGAGACGCAGCAGAAGGTGCTGGAGCTG | L317_T318insQRNVETQQKVLEL | In-frame insertion in bZIP |
| 49 | double | 297_304del | E50fsX104 | Produces N-terminal stop codon |
| | | 758del | P204fsX317 | Frameshift between TAD2 and bZIP; produces stop codon in bZIP |
| 35 | single | 1087_1089dup | K313dup | In-frame duplication in bZIP |

bZIP: basic leucine zipper region, TAD2: second transactivation domain.
Nucleotide numbering was performed according to NCBI Entrez accession no. XM_009180.3, in which the major translational start codon starts at nucleotide position 151. The locations of functional domains are derived from Mueller and Pabst.1