Additional file 3
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Hammerhead ribozymes in the genome of *Jatropha curcas*. a Sequence alignment of the 30 *bona fide* HHRs detected in the genome of *J. curcas* (Bioprojects: PRJNA63485 and PRJNA279873). Only 5 out of the 30 HHRs show identical sequences, whereas the other 25 motifs showed one or more changes. b Secondary structure of the *J. curcas* HHRs. Variable positions are indicated within circles (single changes) or boxes (co-variations). Conserved tertiary interactions between loops 1 and 2 are shown with dotted lines.