Figure S5A. Multiple sequence alignments of putative decorsin Hman_DV4 genes derived from the genome data of *H. manillensis* provided by Guan et al. (2020), Zheng et al. (2023) and Liu et al. (2023), respectively. The exons are labeled in green and the introns are labeled in red. Start and stop codons are marked in bold, the cysteine codons are marked in bold and yellow and the RGD motif encoding codons are marked in cyan and bold.

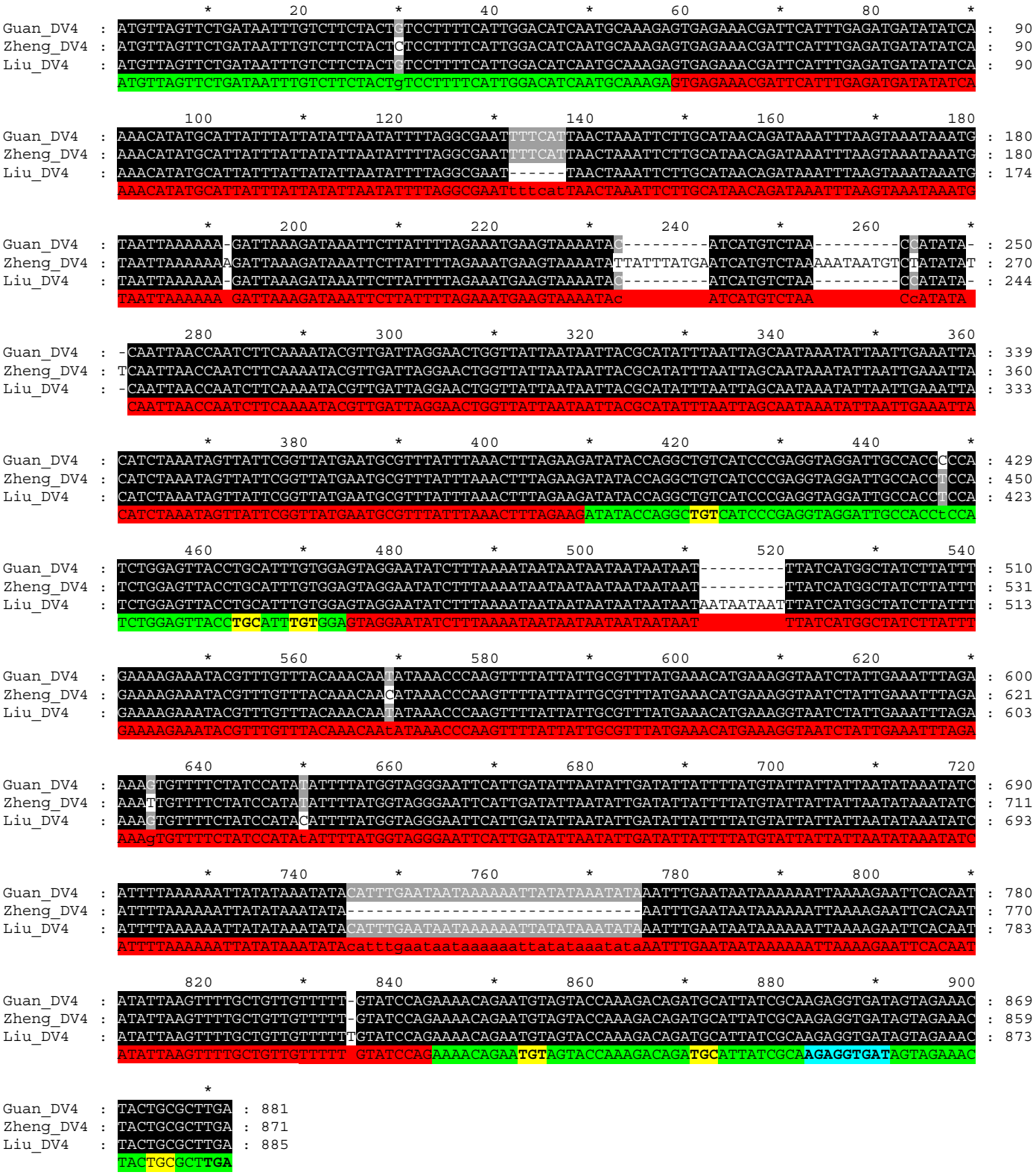


Figure S5B. Multiple sequence alignments of putative decorsin Hman_DV4 proteins derived from the genome data of *H. manillesis* provided by Guan et al. (2020), Zheng et al. (2023) and Liu et al. (2023), respectively. The cysteine residues are marked in bold and yellow and the RGD motif is marked in cyan and bold. The signal peptide is underlined.

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                    *        20         *        40         *        60
Guan_DV4   :  MLVLIICLLLSFSLDINAKNIPGCHPEVGLPPPSGVTCICGKTECSTKDRCIIARGDSRNYCA- : 63
Zheng_DV4  :  MLVLIICLLLSFSLDINAKNIPGCHPEVGLPPPSGVTCICGKTECSTKDRCIIARGDSRNYCA- : 63
Liu_DV4    :  MLVLIICLLLSFSLDINAKNIPGCHPEVGLPPPSGVTCICGKTECSTKDRCIIARGDSRNYCA- : 63
              MLVLIICLLLSFSLDINAKNIPGCHPEVGLPPPSGVTCICGKTECSTKDRCIIARGDSRNYCA
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