

Table 5. The significant parameters of consensus secondary structures of precursor miRNAs.

miRNA ID	Length of miRNA	Length of precursor	MFE* (kcal/mol)	AMFE**	MFEI***	(G+C)%	ΔG**** (kcal/mol)
hbr-miR159a	21	221	-80.50	-36.42	-0.86	42	-18.90
hbr-miR396a	21	86	-33.20	-38.60	-1.07	36	-22.50
hbr-miR396b	21	154	-64.20	-41.68	-0.92	45	-19.40
hbr-miR398	21	140	-39.70	-28.35	-0.56	50	-18.80
hbr-miR408b	22	120	-55.80	-46.50	-1.01	46	-19.90
hbr-miR482a	22	113	-52.00	-46.01	-1.02	45	-24.20
hbr-miR6167	20	140	-101.30	-72.35	-1.26	57	-21.10
hbr-miR6169	21	157	-30.60	-19.49	-0.72	27	-16.70
hbr-miR6171	21	161	-42.60	-26.45	-0.66	40	-19.20
hbr-miR6483	22	119	-16.50	-13.86	-0.49	28	-11.80
hbr-miR6484	21	108	-23.10	-21.38	-0.59	36	-17.50

*MFE means Minimum Free Energy, **AMFE means Adjusted Minimum Folding Free Energy, ***MFEI means Minimum Folding Free Energy Index, ****ΔG means minimum free energy of duplex formation AMFE= MFE/Length of a pre-miRNAx100 MFEI= (MFE/Length of a pre-miRNAx100)/(G+C)%