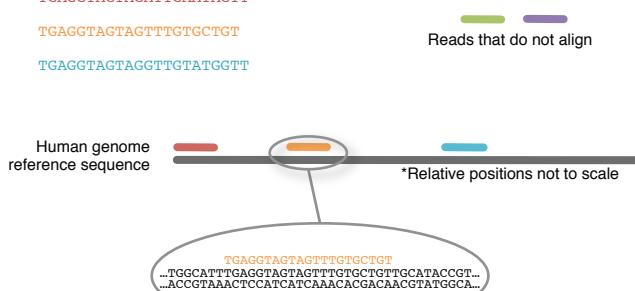


MIRNA-SEQ DATA ANALYSIS

TAAGTGCTTCATGTTGAGTGT
TAAGTGCTTCATGCTT
TGAGGGTAGTAGATTGAATAGTT
TGAGGGTAGTAGTTGTGCTGT
TGAGGGTAGTAGGTTGTATGGTT

MIRNA ALIGNMENT



NOVEL MIRNA DISCOVERY

Reads that do not align

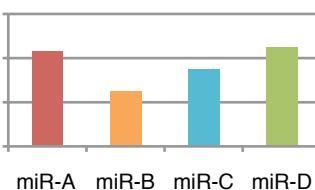
Read extension

RNA folding

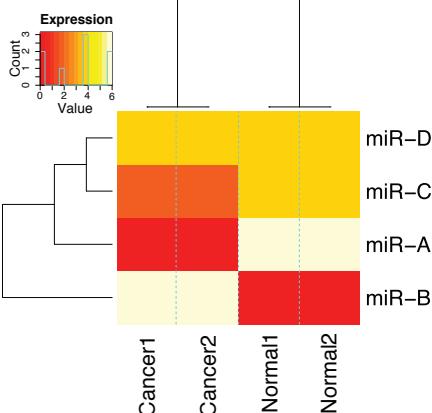
Observation of mature and star strand expression

miRNA Abundance

MIRNA ABUNDANCE QUANTIFICATION



DIFFERENTIAL EXPRESSION



TARGET PREDICTION

