## SUPPLEMENTARY INFORMATION

Elucidation of the Molecular Interaction between miRNAs and the *HOXA9* Gene, Involved in Acute Myeloid Leukemia, by the Assistance of Argonaute Protein through a Computational Approach

Rohit Pritam Das<sup>1</sup>, V. Badireenath Konkimalla<sup>2</sup>, Surya Narayan Rath<sup>1\*</sup>, Jagadish Hansa<sup>3</sup>, Manaswini Jagdeb<sup>1</sup>

<sup>1</sup>BIF Centre, Department of Bioinformatics, Orissa University of Agriculture & Technology, Bhubaneswar 751003, India, <sup>2</sup>School of Biological Sciences, National Institute of Science Education and Research, Bhubaneswar 751005, India, <sup>3</sup>Department of Surgical Oncology, IMS and SUM Hospital, SOA University, Bhubaneswar 751003, India

## **Supplementary Table 5.** Docking scores between miRNA and Argonaute protein resulted from PachDock online server

Receptor (Argonaute	Ligand	Docking score	
protein)			
PDB ID:3F73,chain A	mir-145	14384	
PDB ID:3F73,chain A	mir-126	13650	
PDB ID:3F73,chain A	Let-7a	12392	
PDB ID:3F73,chain A	mir-196b.1	12038	
PDB ID:3F73,chain A	mir-196b.2	12034	

Scores reported are on the basis of shape complementarity for each receptor and ligand complex.