Supporting Information

A New Approach for Extracellular RNA Recovery from *Rhodovulum sulfidophilum*

Micaela Riscado[1,a], Rita Carapito[1,a], Cláudio J. Maia[1], Chantal Pichon[2,3], Mara G. Freire[4], Mattia Sponchioni[5], Fani Sousa[1(*)]

[1] CICS-UBI – Health Sciences Research Centre, University of Beira Interior, 6200-506 Covilhã, Portugal.

[2] Inserm UMS 55 ART ARNm, LI2RSO, and University of Orléans, F-45100 Orléans

[3] Institut Universitaire de France, 1 rue Descartes, F-75035 Paris, France

[4] CICECO - Aveiro Institute of Materials, Department of Chemistry, University of Aveiro, Portugal

[5] Department of Chemistry, Materials and Chemical Engineering, Politecnico di Milano, 20131 Milano, Italy

*Corresponding author: fani.sousa@fcsaude.ubi.pt

[a]Both authors contributed equally.

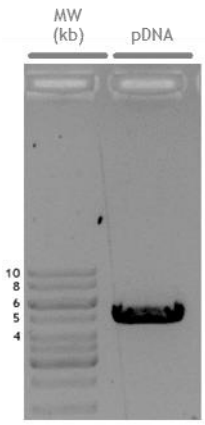

Figure S1: 1% agarose electrophoresis of pNZY28-pre-miR-29b-1 plasmid linearized by NcoI enzyme. *Fist lane shows the molecular weight marker (MW) in kb and the second lane shows the linearized pDNA with a molecular weight of around 5 kb.*

Figure S2: pre-miR-29b-1 and ribozyme sequences present in the pNZY28-pre-miR-29b-1 plasmid. *Fragments, by order, from the 4987 bp pNZY28-pre-miR-29b-1 plasmid sequence, show that both ribozyme sequences that flank the pre-miR-29b-1 sequence, also represented, are present in the constructed plasmid.*