Title:Graphene quantum dot-based nano-photonic approach for targeted detection of<br/>long non-coding RNAs in circulation

Authors: Ruchita Shandilya<sup>1#</sup>, Arpit Bhargava<sup>1#</sup>, Pooja Ratre<sup>1</sup>, Roshani Kumari<sup>1</sup>, Rajnarayan Tiwari<sup>1</sup>, Prachi Chauhan<sup>1</sup>, Pradyumna Kumar Mishra<sup>1\*</sup>

<sup>1</sup>Department of Molecular Biology, ICMR-National Institute for Research in Environmental Health, Bhopal, India

<sup>#</sup>Authors contributed equally

## \*Author for correspondence:

Prof. (Dr.) Pradyumna Kumar Mishra, MS, PhD, Fulbright-Nehru Fellow (USA), AIMF, FAMS, Scientist - F & Head, Department of Molecular Biology, ICMR-National Institute for Research in Environmental Health, Bypass Road, Bhauri, Bhopal (MP) - 462001, India, Mobile: +91 94799 83943; e-mail: pkm\_8bh@yahoo.co.uk, https://orcid.org/0000-0002-0795-2819

## Figure S1

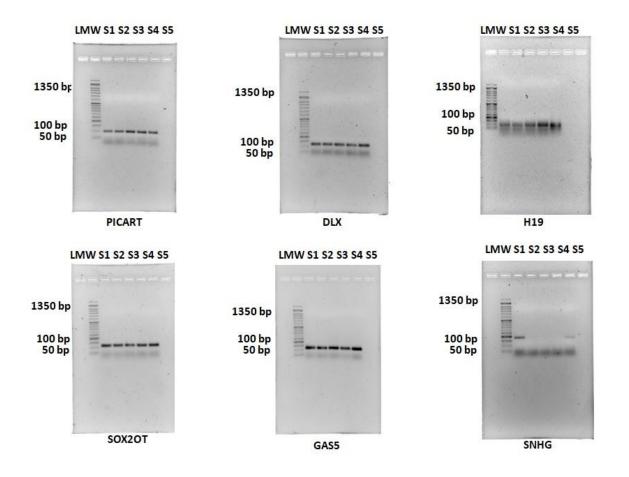


Figure S1: Representative gel images showing the expression profiling of circulating lncRNAs (PICART, DLX, H19, SOX2OT, GAS-5 and SNHG) in five samples (S1-S5).