

MGGSHHHHHHGMASMTGGQQMGRDLYDDDDKVPGSPKKKRKV⁽⁴²⁾AQAALPEGEKPYACPECGKS
FSRSDNLVRHQRTHTGEKPYKCECGKSFSDNLVRHQRTHTGEKPYKCECGKSFSTTGALT
EHQRTHTGEKPYACPECGKSFSTSHSLTEHQRTHTGEKPYKCECGKSFSDPGLNVRHQRTHTG
KKTSGQAGGGGS⁽²⁰³⁾VLLNVLSKAGSKKFRPAPAAAFARECRGFYFELQELKEDDYGITLS
DDSDHQFLLANQVVVHNCTMTEKEIVDYVASQVTTAKKLRGGVVFVDEVPKGLTGKLDARKIRE
ILIKAKKGGKIAV⁽³²⁸⁾

SUPPLEMENTARY FIG. S5. DGnA biosensor module 2 (His_NLS_ZF2_CInt_CLuc) amino acid sequence. ZF2, residues(43–203); CInt_Cluc, residues(204–328).