

Title (en)

RATIOMETRIC BIOSENSORS AND NON-GEOMETRICALLY MODULATED FRET

Title (de)

RATIOMETRISCHE BIOSENSOREN UND NICHTGEOMETRISCH MODULIERTER FRET

Title (fr)

BIOCAPTEURS RATIOMÉTRIQUES ET TRANSFERT D'ÉNERGIE PAR RÉSONANCE DE FÖRSTER NON MODULÉ GÉOMÉTRIQUEMENT

Publication

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Application

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Abstract (en)

[origin: WO2017087912A2] The present subject matter provides ratiometric biosensors as well as compositions, devices, and methods comprising such biosensors.

IPC 8 full level

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Citation (search report)

- [A] KHAN F ET AL: "Fluorescence-based sensing of glucose using engineered glucose/galactose-binding protein: A comparison of fluorescence resonance energy transfer and environmentally sensitive dye labelling strategies", BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, ELSEVIER, AMSTERDAM, NL, vol. 365, no. 1, 4 January 2008 (2008-01-04), pages 102 - 106, XP022680927, ISSN: 0006-291X, [retrieved on 20071030], DOI: 10.1016/J.BBRC.2007.10.129
- [A] SMITH J J ET AL: "ORTHOGONAL SITE-SPECIFIC PROTEIN MODIFICATION BY ENGINEERING REVERSIBLE THIOL PROTECTION MECHANISMS", PROTEIN SCI, WILEY, US, vol. 14, no. 1, 1 January 2005 (2005-01-01), pages 64 - 73, XP008047394, ISSN: 0961-8368, DOI: 10.1110/PS.04965405
- [A] KARLSTROEM A ET AL: "Dual labeling of a binding protein allows for specific fluorescence detection of native protein", ANALYTICAL BIOCHEMISTRY, ELSEVIER, AMSTERDAM, NL, vol. 295, no. 1, 1 August 2001 (2001-08-01), pages 22 - 30, XP002224547, ISSN: 0003-2697, DOI: 10.1006/ABIO.2001.5186
- See references of WO 2017087912A2

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