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## Publications clés

### Année de publication : 2019

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Marina Pinskaya, Zohra Saci, Mélina Gallopin, Marc Gabriel, Ha Tn Nguyen, Virginie Firlej, Marc Descrimes, Audrey Rapinat, David Gentien, Alexandre de la Taille, Arturo Londoño-Vallejo, Yves Allory, Daniel Gautheret, Antonin Morillon (2019 Nov 17)

#### **Reference-free transcriptome exploration reveals novel RNAs for prostate cancer diagnosis.**

*Life science alliance* : [DOI : e201900449](https://doi.org/10.1038/e201900449)

Joke G van Bommel, Rafael Galupa, Chris Gard, Nicolas Servant, Christel Picard, James Davies, Anthony James Szempruch, Yinxiu Zhan, Jan J Żylicz, Elphège P Nora, Sonia Lameiras, Elzo de Wit, David Gentien, Sylvain Baulande, Luca Giorgetti, Mitchell Guttman, Jim R Hughes, Douglas R Higgs, Joost Gribnau, Edith Heard (2019 May 29)

#### **The bipartite TAD organization of the X-inactivation center ensures opposing developmental regulation of Tsix and Xist.**

*Nature genetics* : 51 : 1024-34 : [DOI : 10.1038/s41588-019-0412-0](https://doi.org/10.1038/s41588-019-0412-0)

### Année de publication : 2017

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Roman Rouzier, Aurelie Roulot, Arthur H Jeiranian, Namratha Ram, Jean Marc Guinebretiere, Anne Vincent Salomon, David Gentien (2017 Jan 11)

#### **Denaturing fixatives are compatible with the NanoString nCounter(®) platform and the Prosigna(®) assay.**

*New biotechnology* : 37-41 : [DOI : S1871-6784\(16\)32312-3](https://doi.org/10.1007/s11871-016-32312-3)

**Année de publication : 2015**

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Sylvie Maubant, Bruno Tesson, Virginie Maire, Mengliang Ye, Guillem Rigai, David Gentien, Francisco Cruzalegui, Gordon C Tucker, Sergio Roman-Roman, Thierry Dubois (2015 Apr 8)

**Transcriptome analysis of Wnt3a-treated triple-negative breast cancer cells.**

*PloS one* : e0122333 : [DOI : 10.1371/journal.pone.0122333](https://doi.org/10.1371/journal.pone.0122333)

**Année de publication : 2013**

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Simon J Furney, Malin Pedersen, David Gentien, Amaury G Dumont, Audrey Rapinat, Laurence Desjardins, Samra Turajlic, Sophie Piperno-Neumann, Pierre de la Grange, Sergio Roman-Roman, Marc-Henri Stern, Richard Marais (2013 Jul 16)

**SF3B1 mutations are associated with alternative splicing in uveal melanoma.**

*Cancer discovery* : 1122-9 : [DOI : 10.1158/2159-8290.CD-13-0330](https://doi.org/10.1158/2159-8290.CD-13-0330)