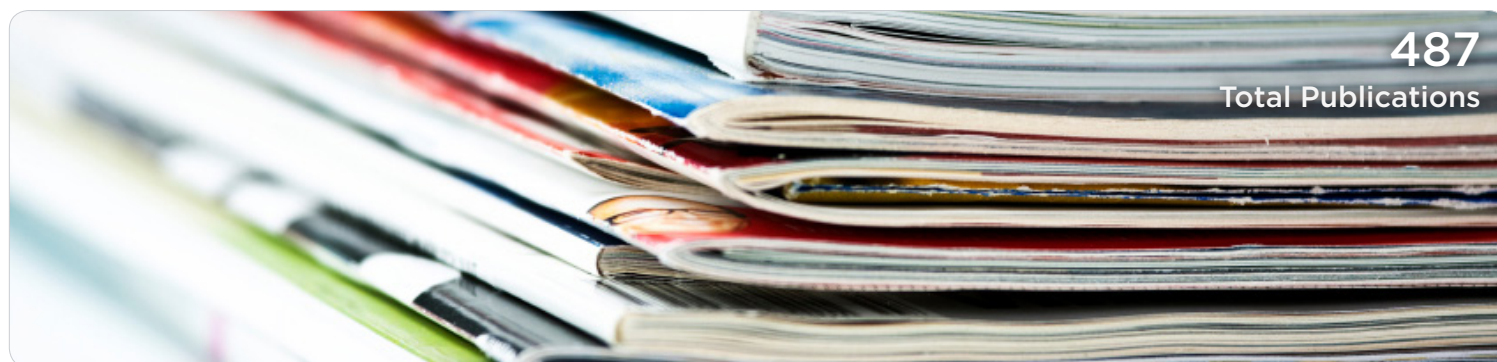




# nCounter® List of Publications

updated 7/30/2014



## Complete Publications List

### 2014

- ▶ **Sandoval C.M, et al.**, "Use of pantothenate as a metabolic switch increases the genetic stability of farnesene producing *Saccharomyces cerevisiae*." [Metabolic Engineering](#) [Epub ahead of print]. July 27, 2014
- ▶ **Holme J.A, et al.**, "Mechanisms linked to differences in the mutagenic potential of 1,3-dinitropyrene and 1,8-dinitropyrene." [Toxicology Reports](#) [Epub ahead of print]. July 27, 2014
- ▶ **Wu C, et al.**, "Galectin-9-CD44 Interaction Enhances Stability and Function of Adaptive Regulatory T Cells." [Immunity](#) [Epub ahead of print]. July 24, 2014
- ▶ **Douvaras P, et al.**, "Efficient Generation of Myelinating Oligodendrocytes from Primary Progressive Multiple Sclerosis Patients by Induced Pluripotent Stem Cells." [Cell Stem Cell](#) [Epub ahead of print]. July 24, 2014
- ▶ **McDavid A, et al.**, "Modeling Bi-modality Improves Characterization of Cell Cycle on Gene Expression in Single Cells." [PLoS Computational Biol.](#) [Epub ahead of print]. July 17, 2014
- ▶ **Alpar A, et al.**, "Endocannabinoids modulate cortical development by configuring Slit2/Robo1 signaling." [Nat. Commun](#) [Epub ahead of print]. July 17, 2014
- ▶ **Zhu S, et al.**, "Transcription of the activating receptor NKG2D in natural killer cells is regulated by STAT3 tyrosine phosphorylation." [Blood](#) [Epub ahead of print]. July 17, 2014
- ▶ **Sabo A, et al.**, "Selective transcriptional regulation by Myc in cellular growth control and lymphomagenesis." [Nature](#) [Epub ahead of print]. July 9, 2014
- ▶ **Yamasaki R, et al.**, "Differential roles of microglia and monocytes in the inflamed central nervous system." [J. Exp. Med.](#) [Epub ahead of print]. July 7, 2014

### Molecules That Count®

- ▶ **Kumaresan P.R, et al.**, “Bioengineering T cells to target carbohydrate to treat opportunistic fungal infection.” [PNAS](#) [Epub ahead of print]. July 7, 2014
- ▶ **Stifano G, et al.**, “Chronic Toll-like receptor 4 stimulation in skin induces inflammation, macrophage activation, transforming growth factor beta signature gene expression, and fibrosis.” [Arthritis Research & Therapy](#) [Epub ahead of print]. July 1, 2014
- ▶ **Ferreira R, et al.**, “IL-4 type 1 receptor signaling up-regulates KCNN4 expression, and increases the KCa3.1 current and its contribution to migration of alternative-activated microglia.” [Front. Cell. Neurosci](#) [Epub ahead of print]. June 30, 2014
- ▶ **Mestdagh P, et al.**, “Evaluation of quantitative miRNA expression platforms in the microRNA quality control (miRQC) study.” [Nature Methods](#) [Epub ahead of print]. June 29, 2014
- ▶ **Sen S.K, et al.**, “Integrative DNA, RNA and protein evidence connects TREML4 to coronary artery calcification.” [AJHG](#) [Epub ahead of print]. June 26, 2014
- ▶ **Hu X, et al.**, “Regulation of gene expression in autoimmune disease loci and the genetic basis of proliferation in CD4+ effector memory T Cells.” [PLoS Genetics](#) [Epub ahead of print]. June 26, 2014
- ▶ **Levy A, et al.**, “Profiling microRNAs in Eucalyptus grandis reveals no mutual relationship between alterations in miR156 and miR172 expression and adventitious root induction during development.” [BMC Genomics](#) [Epub ahead of print]. June 25, 2014
- ▶ **Singh A, et al.**, “Th17/Treg ratio derived using DNA methylation analysis is associated with the late phase asthmatic response.” [Allergy, Asthma & Clinical Immunology](#) [Epub ahead of print]. June 24, 2014
- ▶ **Murphy S.J, et al.**, “Sex differences in microRNA expression during developmental in rat cortex.” [Neurochemistry International](#) [Epub ahead of print]. June 23, 2014
- ▶ **Nguyen G.H, et al.**, “Regulation of gene expression by the BLM helicase correlates with the presence of G4 motifs.” [PNAS](#) [Epub ahead of print]. June 23, 2014
- ▶ **Ichida J.K, et al.**, “Notch inhibition allows oncogene-independent generation of iPS cells.” [Nature Chem. Biol.](#) [Epub ahead of print]. June 22, 2014
- ▶ **Northcott P, et al.**, “Enhancer hijacking activates GF11 family oncogenes in medulloblastoma.” [Nature](#) [Epub ahead of print]. June 22, 2014
- ▶ **Brahmachary M, et al.**, “Digital genotyping of macrosatellites and multicopy genes reveals novel biological functions associated with Copy Number Variation of large tandem repeats.” [PLoS Genetics](#) [Epub ahead of print]. June 19, 2014
- ▶ **Li J, et al.**, “2q36.3 is associated with prognosis for oestrogen receptor-negative breast cancer patients treated with chemotherapy.” [Nature Commun.](#) [Epub ahead of print]. June 17, 2014
- ▶ **Zheng G.X.Y, et al.**, “Dicer-microRNA-Myc circuit promotes transcription of hundreds of long noncoding RNAs.” [Nature Structural and Molecular Biology](#) [Epub ahead of print]. June 15, 2014
- ▶ **Chakravadhanula M, et al.**, “Expression of Hox Genes and Hotair in Atrt and Other Pediatric Brain Tumors.” [Cancer Genetics](#) [Epub ahead of print]. June 10, 2014
- ▶ **Laranjeiro R, et al.**, “Transcription factors involved in retinogenesis are co-opted by the circadian clock following photoreceptor differentiation.” [Development](#) 141:2644-2656. June 10, 2014
- ▶ **Schmidt-Lauber C, et al.**, “Gadolinium-based compounds induce NLRP3-dependent IL-1 production and peritoneal inflammation.” [Ann Rheum Dis.](#) [Epub ahead of print]. June 6, 2014
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- ▶ **Ramundo S, et al.**, “Conditional Depletion of the Chlamydomonas Chloroplast ClpP Protease Activates Nuclear Genes Involved in Autophagy and Plastid Protein Quality Control.” [Plant Cell](#) [Epub ahead of print]. May 30, 2014
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- ▶ **Forreryd A, et al.**, “Evaluation of high throughput gene expression platforms using a genomic biomarker signature for prediction of skin sensitization.” [BMC Genomics](#) [Epub ahead of print]. May 16, 2014
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- ▶ **Rocci A, et al.**, “Circulating miRNA markers show promise as new prognosticators for multiple myeloma.” [Leukemia](#) [Epub ahead of print]. May 12, 2014
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- ▶ **Wang T, et al.**, “GATA-3 expression identifies a high-risk subset of PTCL, NOS with distinct molecular and clinical features.” [Blood](#) 123: 3007-3015. May 8, 2014
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- ▶ **Shannon C.P., et al.**, “Deconvolution of the lymphocyte compartment of the peripheral whole blood transcriptome in the context of acute kidney allograft rejection.” [PLOS ONE](#) [Epub ahead of print]. April 14, 2014
- ▶ **Momen-Heravi F., et al.**, “Genomewide study of salivary MicroRNAs for detection of oral cancer.” [Den res.](#) [Epub ahead of print]. April 9, 2014
- ▶ **Leinders-Zufall T., et al.**, “A family of nonclassical class I MHC genes contributes to ultrasensitive chemodetection by mouse vomeronasal sensory neurons.” [J Neuroscience](#) [Epub ahead of print]. April 9, 2014
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- ▶ **Zahm A.M, et al.**, “Rectal microRNAs are perturbed in pediatric inflammatory bowel disease of the colon.” [J Crohns and Colitis](#) [Epub ahead of print]. March 7, 2014
- ▶ **Skibinski A, et al.**, “The Hippo Transducer TAZ Interacts with the SWI/SNF Complex to Regulate Breast Epithelial Lineage Commitment.” [Cell Reports](#) [Epub ahead of print]. March 6, 2014
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- ▶ **Lee J, et al.**, “Nanostring-Based Multigene Assay to Predict Recurrence for Gastric Cancer Patients after Surgery.” [PLoS ONE](#) [Epub ahead of print]. March 5, 2014
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- ▶ **Buechel H.M, et al.**, “Aged rats are hypo-responsive to acute restraint: implications for psychosocial stress in aging.” [Front Aging Neurosci.](#) [Epub ahead of print]. February 12, 2014
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### NanoString Technologies, Inc.

530 Fairview Ave N  
Suite 2000  
Seattle, WA 98109 USA

### CONTACT US

[info@nanosttring.com](mailto:info@nanosttring.com)  
Tel: (888) 358-6266  
Fax: (206) 378-6288  
[www.nanosttring.com](http://www.nanosttring.com)

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Europe: [europe.sales@nanosttring.com](mailto:europe.sales@nanosttring.com)  
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