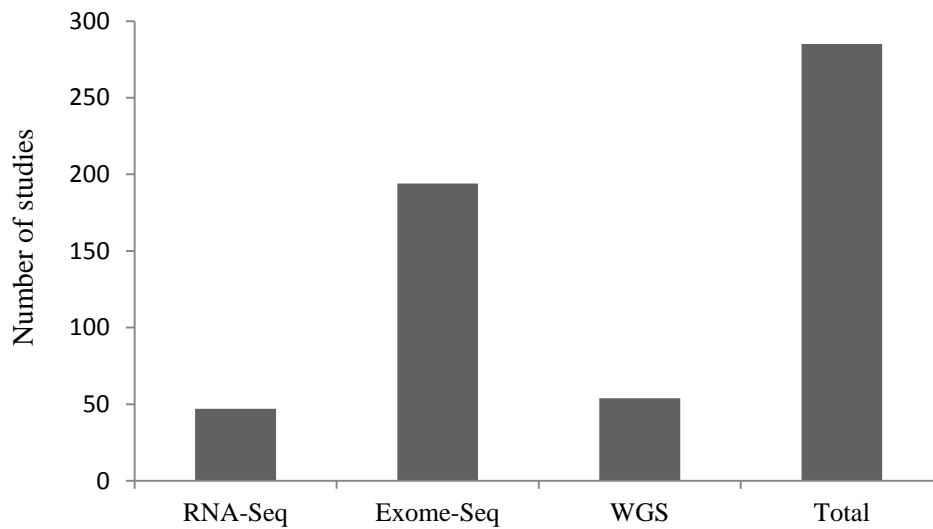


# NGS Catalog Statistics

8/14/2012

## 1. Distribution based on sequencing technology

Sequencing technology	Number of records
RNA-Seq	47
Exome Sequencing	194
Whole Genome Sequencing	54



## 2. Distribution of NGS studies by technology platforms

Platform	Subtypes	Number of studies
Complete Genomics	-	8
Helicos Biosciences HeliScope Single Molecular Sequencer	-	1
Illumina	Illumina	6
	1G genome analyzer	1
	Genome Analyzer	16
	Genome Analyzer IIG	1
	Genome Analyzer II	69

	Genome Analyzer IIx	97
	HiSeq	9
	HiSeq 2000	38
Life Technologies SOLiD	SOLiD	19
	SOLiD 3.0	6
	SOLiD 3.5	2
	SOLiD 4	11
Roche/454	Roche/454	4
	Roche/454 GS FLX	18
	Roche/454 GS20	1
N/A*		6

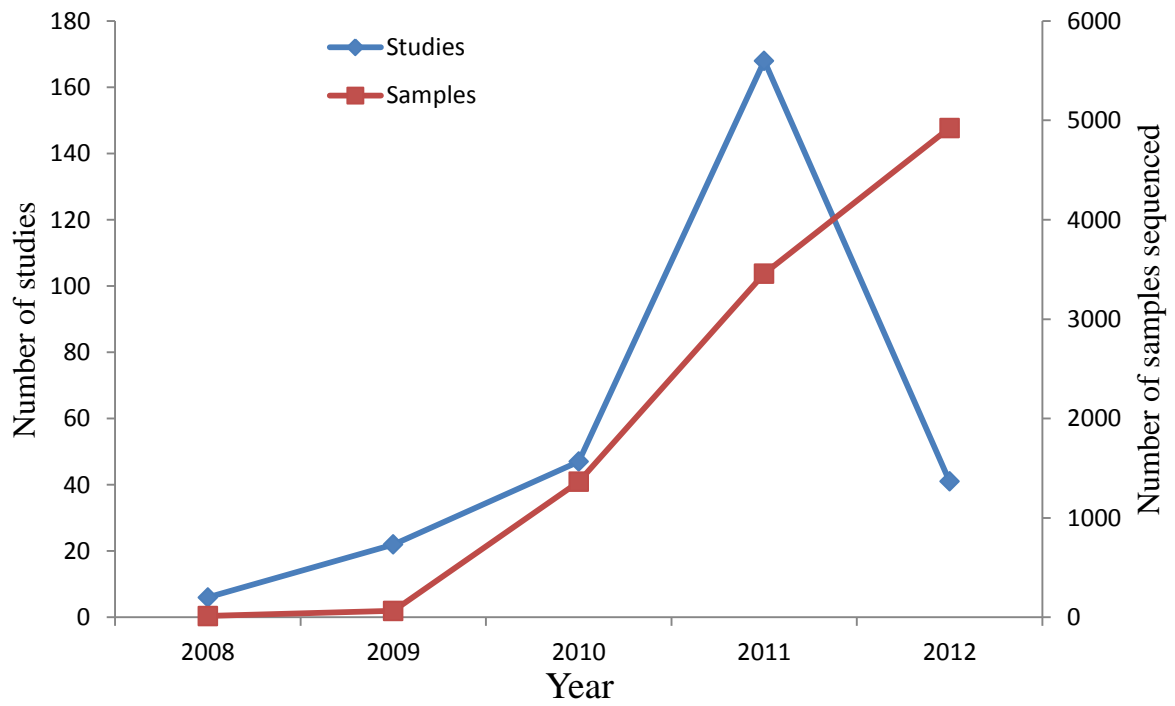
\*Not Available

### 3. Distribution of NGS studies by journal

Journal	Number
American Journal of Hematology	1
American Journal of Medical Genetics Part A	2
Annals of Neurology	5
Archives of Ophthalmology	1
Blood	4
BMC Genomics	1
BMC Medical Genetics	1
BMC Medical Genomics	3
Brain	2
Breast Cancer Research and Treatment	1
British Journal of Haematology	1
Cancer Prevention Research	2
Cell	3
Circulation Research	1
Circulation: Cardiovascular Genetics	1
Clinical Genetics	2
European Journal of Human Genetics	2
Genes and Development	1
Genome Biology	5
Genome Research	9
Haematologica	1
Human Genetics	3
Human Molecular Genetics	7
Human Mutation	5

<b>Journal</b>	<b>Number</b>
Investigative Ophthalmology & Visual Science	1
Journal of Bone and Mineral Research	2
Journal of Human Genetics	1
Journal of Investigative Dermatology	2
Journal of Medical Genetics	8
Journal of Pathology	1
Journal of the American Society of Nephrology	1
Kidney International	1
Leukemia	3
Mayo Clinic Proceedings	1
Molecular Genetics and Metabolism	1
Molecular Vision	1
Movement Disorders	1
Muscle Nerve	1
Nature	36
Nature Biotechnology	2
Nature Chemical Biology	1
Nature Genetics	40
Nature Medicine	4
Neurobiology of Aging	2
Neurogenetics	1
Neuron	1
Nucleic Acids Research	1
Oncotarget	1
Parkinsonism and Related Disorders	1
PLoS Biology	1
PLoS Genetics	6
PLoS One	11
Proceedings of the National Academy of Sciences	13
Scandinavian Journal of Immunology	1
Science	8
The American Journal of Human Genetics	41
The Journal of Clinical Endocrinology & Metabolism	1
The Journal of Clinical Investigation	2
The Journal of Experimental Medicine	3
The Journal of Pathology	3
The Journal of the American Medical Association	3
The New England Journal of Medicine	14
<b>Total</b>	<b>285</b>

#### 4. Distribution of NGS studies by publication year\*



\*Note that for 2012, data were collected from January 2012 until May 2012