Supplementary Table 3. Tags statistic of miRNA tools based on miRToolsGallery.

	Tag Categories	Tags	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
1	Common Tags	3'/5' Modifications	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0
2	Common Tags	3'/5' UTR	1	2	4	3	4	3	1	4	4	7	1	5	4	0	2
3	Common Tags	Adipogenesis	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
4	Common Tags	Alignment	0	0	1	0	0	4	6	5	4	2	2	4	2	3	0
5	Common Tags	Alternatively Spliced Transcripts	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0
6	Common Tags	Alzheimer's Disease	0	0	0	0	0	0	0	0	0	0	0	2	1	1	3
7	Common Tags	Antisense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
8	Common Tags	Argonaute (AGO)	0	0	0	0	0	0	0	0	3	1	2	2	1	3	2
9	Common Tags	Arm Switching	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1
10	Common Tags	Artificial miRNA	0	0	0	1	0	1	0	0	0	0	0	0	0	2	0
11	Common Tags	Association	0	0	0	0	0	1	7	6	6	7	10	19	9	10	21
12	Common Tags	Autophagy	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
13	Common Tags	Biomarker	0	0	0	0	0	0	0	0	0	1	3	4	1	0	4
14	Common Tags	Blood	0	0	0	0	0	0	0	0	0	1	0	2	0	2	1
15	Common Tags	Cancer/Tumor	0	0	0	0	0	1	2	9	7	9	14	16	11	12	13
16	Common Tags	ceRNA	0	0	0	0	0	0	0	0	1	1	3	3	3	3	2
17	Common Tags	Chemical	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1
18	Common Tags	ChIP-Seq	0	0	0	0	1	0	0	1	0	0	1	0	0	1	1
19	Common Tags	CircRNA	0	0	0	0	0	0	0	0	1	0	3	2	2	5	3
20	Common Tags	Cis-regulatory Element	0	0	0	1	1	1	0	0	0	1	0	0	2	0	0
21	Common Tags	CLASH	0	0	0	0	1	0	0	0	0	1	0	1	0	1	0
22	Common Tags	Classification	0	0	1	0	1	0	1	0	2	2	4	4	2	1	3
23	Common Tags	Cleavage Sites	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
24	Common Tags	CLIP-Seq	0	1	0	1	0	1	0	0	3	0	4	5	1	5	7
25	Common Tags	Coding Sequence (CDS)	0	1	0	0	0	1	0	0	1	3	1	2	2	0	0
26	Common Tags	Co-expressed	0	0	2	1	0	1	1	0	2	1	4	0	2	0	2
27	Common Tags	Correlation Analysis	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1
28	Common Tags	Differential Expression	0	0	0	0	1	1	3	5	7	2	6	5	4	6	4
29	Common Tags	Disease	0	0	1	0	1	4	5	5	6	8	9	17	10	7	17
30	Common Tags	DNase-Seq	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0
31	Common Tags	Drug	0	0	0	0	0	0	0	1	0	2	0	2	1	3	4
32	Common Tags	Enrichment Analysis	0	0	0	0	2	0	2	3	2	9	4	2	8	10	2
33	Common Tags	Environmental Factor	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0
34	Common Tags	Epigenetic	0	0	0	0	0	1	0	0	0	0	1	1	0	1	1
35	Common Tags	Epilepsy	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
36	Common Tags	Evolution	2	1	3	0	2	3	4	3	3	1	1	1	4	2	1
37	Common Tags	Exosome	0	0	0	0	0	0	1	0	0	4	0	1	2	1	0
38	Common Tags	Experimentally Validated	0	0	0	1	0	0	2	1	2	2	3	2	5	1	1
39	Common Tags	Expressed Sequence Tag (EST)	0	0	0	0	0	0	1	1	2	1	0	0	0	0	0
40	Common Tags	Expression Profiles	1	1	0	1	6	5	7	19	13	15	15	16	17	16	16
41	Common Tags	Expression Quantitative Trait Loci (eQTL)	0	0	0	1	1	0	0	1	0	2	0	2	0	0	0
42	Common Tags	Extracellular Vesicles (EVs)	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
43	Common Tags	Free Energy	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0

	Tag Categories	Tags	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
44	**Common Tags**	Functional Annotation	0	2	2	2	3	10	3	6	11	6	6	7	6	8	3
45	**Common Tags**	Gene Ontology	0	0	1	0	1	2	2	0	2	4	1	1	4	7	1
46	**Common Tags**	Genome Wide Association Study (GWAS)	0	0	0	0	0	0	1	0	1	2	0	0	1	1	0
47	**Common Tags**	Hairpin Structure	1	0	0	3	2	2	0	0	1	3	0	0	2	1	0
48	**Common Tags**	High-throughput Screening (HTS)	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
49	**Common Tags**	Huntington's disease	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
50	**Common Tags**	Hybridization	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
51	**Common Tags**	ID Conversion	0	0	1	0	1	1	0	0	1	3	0	3	1	4	1
52	**Common Tags**	Identification	0	0	4	5	5	5	3	10	6	9	7	6	2	12	5
53	**Common Tags**	Integrated Analysis	0	0	1	1	1	3	2	4	5	9	8	5	11	6	7
54	**Common Tags**	Integrated Knowledge	0	0	1	0	0	1	1	2	2	4	1	5	3	2	2
55	**Common Tags**	Integration of Tools	0	0	0	0	0	0	1	1	3	3	1	2	2	1	3
56	**Common Tags**	Interactions	0	0	1	4	3	8	4	6	11	12	19	15	26	26	18
57	**Common Tags**	Intergenic/Intronic miRNA	0	0	0	0	0	0	1	1	1	2	3	2	0	0	2
58	**Common Tags**	Intragenic miRNA	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1
59	**Common Tags**	IsomiR	0	0	0	0	0	0	0	5	1	1	6	3	4	8	9
60	**Common Tags**	lncRNA	1	0	2	1	0	2	1	2	2	3	9	7	7	15	5
61	**Common Tags**	Methylation	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
62	**Common Tags**	Microarray Analysis	0	0	0	2	2	2	2	2	4	2	2	2	2	1	0
63	**Common Tags**	miRNA Activity	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0
64	**Common Tags**	miRNA Annotations	0	1	1	2	1	5	1	1	2	2	1	3	1	6	3
65	**Common Tags**	miRNA Binding Site	0	1	2	4	4	6	4	7	7	8	11	12	11	3	6
66	**Common Tags**	miRNA Cluster	0	1	1	2	0	2	0	3	1	1	1	1	0	1	1
67	**Common Tags**	miRNA Family	2	0	2	0	0	2	3	2	3	2	2	1	1	1	0
68	**Common Tags**	miRNA Homologs	1	0	3	2	0	2	1	1	1	2	2	1	2	0	0
69	**Common Tags**	miRNA Prediction	2	0	8	3	7	6	8	14	10	16	13	9	16	10	9
70	**Common Tags**	miRNA Publication	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
71	**Common Tags**	miRNA Regulation	0	0	0	0	0	0	2	3	3	3	3	4	2	3	1
72	**Common Tags**	miRNA-Seq	0	0	0	0	1	1	2	4	1	4	9	5	9	4	6
73	**Common Tags**	Mutation	0	0	0	1	0	0	0	0	1	0	2	0	0	3	0
74	**Common Tags**	ncRNAs	0	0	5	2	4	4	1	4	2	4	5	3	1	6	2
75	**Common Tags**	Next Generation Sequencing (NGS)	0	1	0	2	0	7	5	13	13	11	12	7	9	10	11
76	**Common Tags**	Nomenclature	0	1	0	2	0	2	0	1	1	0	0	1	2	0	0
77	**Common Tags**	Normalization	0	0	0	0	0	0	0	0	1	1	1	2	0	0	0
78	**Common Tags**	Off-targets	0	0	0	0	1	0	0	0	1	0	1	0	0	1	0
79	**Common Tags**	Ontology	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
80	**Common Tags**	PAR-CLIP	0	0	0	0	0	0	0	0	3	0	4	2	0	3	0
81	**Common Tags**	Parkinson's Disease	0	0	0	0	0	0	1	0	0	0	0	1	0	1	1
82	**Common Tags**	Pathway	0	0	0	1	1	2	2	2	3	11	5	4	4	6	6
83	**Common Tags**	Phenotype	0	0	0	0	0	1	2	1	1	1	0	0	0	1	0
84	**Common Tags**	piRNA	0	0	1	0	1	0	0	1	0	1	1	1	2	0	2
85	**Common Tags**	pre-miRNA	0	0	4	4	2	3	1	4	3	3	6	4	9	11	3
86	**Common Tags**	Promoter	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
87	**Common Tags**	Protein-protein Interaction (PPI)	0	0	0	0	0	0	1	2	0	1	0	0	3	2	1
88	**Common Tags**	Pseudo Hairpin	0	0	0	0	2	0	1	0	1	0	1	0	1	0	0
89	**Common Tags**	Regulatory Network	0	0	0	3	1	4	2	11	12	11	15	17	19	23	14

	Tag Categories	Tags	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
90	**Common Tags**	RNA Editing	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
91	**Common Tags**	RNA Modification	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
92	**Common Tags**	RNA-binding Protein (RBP)	0	0	0	0	0	0	0	0	2	1	2	2	2	3	5
93	**Common Tags**	RNAi	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0
94	**Common Tags**	RNA-Seq	0	0	0	1	1	1	2	2	0	3	3	5	4	9	0
95	**Common Tags**	Secondary Structure	2	0	4	4	1	3	3	6	1	2	2	2	2	5	1
96	**Common Tags**	Secreted/Extracellular/Ciculating miRNA	0	0	0	0	0	1	1	0	0	4	0	2	3	3	0
97	**Common Tags**	Seed Match	0	0	0	0	1	1	0	1	1	0	1	2	1	0	0
98	**Common Tags**	Sequence Annotation	1	2	3	4	4	7	3	5	5	4	5	6	8	3	4
99	**Common Tags**	Sequence Motif	0	0	1	0	0	1	0	1	2	0	1	0	1	1	1
100	**Common Tags**	Sequential Mapping	0	0	0	0	0	0	0	0	0	2	0	1	1	0	1
101	**Common Tags**	Sequential Trimming	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0
102	**Common Tags**	Single Nucleotide Polymorphism (SNP)	0	0	0	1	1	1	4	2	2	6	2	5	7	3	1
103	**Common Tags**	siRNA	0	1	2	0	4	2	2	3	1	1	3	6	3	6	0
104	**Common Tags**	Small Molecules	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
105	**Common Tags**	Stem Cell	0	0	0	0	0	0	0	1	0	1	0	0	1	1	0
106	**Common Tags**	Stress	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
107	**Common Tags**	Target Gene	1	3	3	11	10	14	10	23	24	19	12	16	21	7	13
108	**Common Tags**	Target Prediction	2	4	8	7	13	8	11	19	23	17	20	19	18	22	17
109	**Common Tags**	Tertiary/Triplex/3D Structures	0	0	1	1	0	0	0	0	0	0	0	1	0	1	0
110	**Common Tags**	The Cancer Genome Atlas (TCGA)	0	0	0	0	0	1	0	1	3	3	7	4	12	14	11
111	**Common Tags**	Thermodynamics	0	0	2	0	2	0	0	2	0	1	1	0	0	2	1
112	**Common Tags**	Tissues	0	1	0	2	0	2	0	3	2	0	0	1	0	5	3
113	**Common Tags**	Tissue-specific miRNA	0	0	0	0	0	0	2	2	2	1	0	3	1	5	6
114	**Common Tags**	Tools Gallery	0	0	1	1	1	1	1	1	1	5	0	1	0	1	1
115	**Common Tags**	Transcription Factors (TFs)	0	0	1	3	2	1	3	5	4	7	2	2	11	6	2
116	**Common Tags**	Transcriptional Start Sites (TSSs)	0	0	0	0	1	0	0	1	0	1	0	1	1	1	1
117	**Common Tags**	Transposable Elements	0	0	0	0	0	1	0	0	0	1	0	0	1	1	0
118	**Common Tags**	Visualization	0	0	0	0	0	1	0	0	0	3	3	4	3	1	6
119	**Implement Technique**	AngularJS	0	0	0	0	0	0	0	0	1	0	0	0	1	3	1
120	**Implement Technique**	Arfooo	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
121	**Implement Technique**	ASP .NET	0	0	1	0	1	0	0	0	1	0	0	0	0	2	1
122	**Implement Technique**	Awk	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
123	**Implement Technique**	Bash	0	0	0	0	0	0	0	1	0	2	0	1	1	1	2
124	**Implement Technique**	Bioconductor	0	0	0	0	0	0	0	0	1	1	1	4	2	4	4
125	**Implement Technique**	BioJava	0	0	0	0	0	0	0	1	0	0	1	1	0	1	0
126	**Implement Technique**	BioJS	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0
127	**Implement Technique**	Bioperl	0	0	2	0	0	4	1	1	0	1	0	0	1	1	0
128	**Implement Technique**	Bootstrap	0	0	0	0	0	0	0	0	0	1	0	0	3	8	2
129	**Implement Technique**	C#	0	0	1	0	1	0	0	1	1	1	1	0	1	3	0
130	**Implement Technique**	C/C++	1	1	3	6	2	9	8	8	6	6	6	3	9	5	5
131	**Implement Technique**	CodeIgniter	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
132	**Implement Technique**	CRAN	0	0	0	0	0	0	0	0	0	0	3	2	2	3	1	2
133	**Implement Technique**	CUDA	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
134	**Implement Technique**	Cytoscape	0	0	0	0	0	0	0	1	0	0	2	2	1	1	0

	Tag Categories	Tags	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
135	Implement Technique	Cytoscape.js	0	0	0	0	0	0	0	2	1	3	1	2	5	2	2
136	Implement Technique	D3.js	0	0	0	0	0	0	0	0	0	1	0	0	4	3	3
137	Implement Technique	Django	0	0	0	0	0	1	0	1	1	3	0	1	3	1	2
138	Implement Technique	Ext JS	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
139	Implement Technique	Flask	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0
140	Implement Technique	Hadoop	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
141	Implement Technique	HSQLDB	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
142	Implement Technique	HTML5	0	0	0	0	0	0	0	0	0	4	0	1	3	4	1
143	Implement Technique	Java	0	1	2	4	5	5	7	16	8	13	16	14	12	15	14
144	Implement Technique	JavaScript	0	0	0	2	2	0	2	2	9	13	14	20	26	14	6
145	Implement Technique	JavaServer Faces	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
146	Implement Technique	JQuery	0	0	0	1	0	0	0	3	1	4	3	8	11	11	1
147	Implement Technique	JSP	0	0	0	0	0	1	2	3	7	3	6	8	7	7	6
148	Implement Technique	Laravel	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
149	Implement Technique	Mako	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0
150	Implement Technique	MATLAB	1	0	0	0	1	3	0	1	1	5	2	0	7	5	6
151	Implement Technique	MongoDB	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
152	Implement Technique	MySQL	1	0	5	6	4	6	14	16	17	33	23	27	32	19	24
153	Implement Technique	Neo4j	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0
154	Implement Technique	Node.js	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
155	Implement Technique	NoSQL	0	0	0	0	0	0	0	0	1	0	0	1	0	1	3
156	Implement Technique	Objective-C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
157	Implement Technique	Oracle	0	0	0	1	0	0	1	1	0	1	0	0	0	0	0
158	Implement Technique	Pascal	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
159	Implement Technique	Perl	2	3	7	7	8	17	14	18	12	20	18	23	19	18	10
160	Implement Technique	PHP	0	0	3	8	4	12	11	17	30	35	26	32	39	34	28
161	Implement Technique	Play Framework	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
162	Implement Technique	PostgreSQL	0	0	0	1	4	0	0	3	0	0	2	1	4	4	0
163	Implement Technique	Python	0	0	1	1	3	4	2	7	7	13	9	16	21	19	21
164	Implement Technique	R	0	1	0	0	3	5	6	6	12	18	17	31	25	21	19
165	Implement Technique	Rails	0	0	0	0	0	0	0	1	0	0	0	1	2	0	0
166	Implement Technique	RESTful	0	0	0	0	0	0	0	1	0	4	1	0	4	0	3
167	Implement Technique	Ruby	0	0	0	0	2	0	1	1	0	2	2	3	2	0	0
168	Implement Technique	Scala	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
169	Implement Technique	Shiny	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3
170	Implement Technique	SOAP	0	0	1	0	1	1	1	0	0	2	0	1	0	2	0
171	Implement Technique	Spark	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
172	Implement Technique	SPARQL	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
173	Implement Technique	SQL Server	0	0	1	0	1	0	0	0	0	1	0	0	0	2	0
174	Implement Technique	SQLite	0	0	0	0	0	2	0	1	1	0	0	1	1	0	2
175	Implement Technique	Symfony	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
176	Implement Technique	Tcl	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
177	Implement Technique	Thymeleaf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
178	Implement Technique	Visual Basic	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
179	Implement Technique	Visual Basic .NET	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
180	Implement Technique	Yii	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0
181	Implement Technique	ZOPE	0	0	0	0	0	0	1	0	0	2	0	0	0	1	0

	Tag Categories	Tags	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
182	**Methods**	AdaBoost	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0
183	**Methods**	Analysis of Variance (ANOVA)	0	0	0	0	0	0	0	0	0	1	0	2	1	1	0
184	**Methods**	Artificial Neural Network (ANN)	0	0	0	0	0	0	0	0	1	0	3	0	0	2	0
185	**Methods**	Bayesian Inference	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
186	**Methods**	Bayesian Network (BN)	0	0	0	0	1	0	0	0	0	1	0	1	1	0	0
187	**Methods**	Bayesian Statistics	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0
188	**Methods**	Betweenness Centrality Clustering (BCC)	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
189	**Methods**	Bicliques Merging	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
190	**Methods**	Biclustering	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0
191	**Methods**	Boosting	0	0	1	0	0	0	0	1	2	0	0	0	1	0	1
192	**Methods**	Burrows-Wheeler Transform (BWT)	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
193	**Methods**	C4.5	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1
194	**Methods**	Complete-linkage Clustering	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
195	**Methods**	Conditional Random Fields (CRFs)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
196	**Methods**	Convolutional Neural Network (CNN)	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
197	**Methods**	Decision Tree	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0
198	**Methods**	Deep Belief Network (DBN)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
199	**Methods**	Dynamic Programming Algorithms	1	0	0	2	0	2	0	2	1	1	0	1	1	1	1
200	**Methods**	Empirical Algorithmics	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
201	**Methods**	Empirical Bayes Methods	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
202	**Methods**	Entropy	0	0	0	0	0	0	0	1	0	0	1	1	2	1	0
203	**Methods**	Expectation Maximisation (EM)	0	0	0	1	1	0	0	1	0	0	1	0	0	1	0
204	**Methods**	Fisher's Exact Test	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
205	**Methods**	FP-growth Algorithm	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
206	**Methods**	Gaussian Naive Bayes	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
207	**Methods**	Genetic Algorithms (GA)	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0
208	**Methods**	Grid Search Method (PGS)	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
209	**Methods**	Hidden Markov Model (HMM)	0	0	1	1	1	0	2	0	1	0	2	0	1	0	1
210	**Methods**	Hierarchical Clustering	0	0	0	0	0	0	1	1	0	0	0	1	1	0	2
211	**Methods**	Hypergeometric Test	0	0	0	0	1	0	1	3	2	1	1	2	4	1	0
212	**Methods**	Information Gain	0	0	0	0	0	0	0	0	2	0	0	0	0	1	1
213	**Methods**	Kemeny Optimal Aggregation (KOA)	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
214	**Methods**	k-Means	0	0	0	0	1	0	0	0	1	1	0	0	3	1	1
215	**Methods**	k-Medians	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
216	**Methods**	k-Nearest Neighbour (kNN)	0	0	0	0	0	0	0	1	1	0	1	0	1	1	4
217	**Methods**	Kolmogorov-Smirnov Test	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
218	**Methods**	LASSO	0	0	0	0	0	0	0	0	2	1	0	2	2	0	0
219	**Methods**	Linear Regression Analysis	0	0	0	0	0	0	0	0	1	3	3	4	1	0	0
220	**Methods**	Literature-based Discovery	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
221	**Methods**	Logistic Regression	0	0	0	0	0	0	0	2	0	1	0	1	0	0	1
222	**Methods**	Manually Curated	1	0	1	1	0	2	5	2	5	7	7	7	12	3	13
223	**Methods**	Markov Cluster (MCL)	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
224	**Methods**	Markov Model	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0
225	**Methods**	Markov-Chain Monte-Carlo Methods (MCMC)	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
226	**Methods**	Meta-analysis	0	0	0	0	0	0	0	1	0	3	4	0	1	0	3

	Tag Categories	Tags	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
227	**Methods**	Minimal Redundancy Maximal Relevance	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
228	**Methods**	Molecular Dynamics	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
229	**Methods**	Mutual Information	0	0	0	0	0	0	0	1	1	0	0	0	2	2	2
230	**Methods**	Naive Bayes	0	0	0	1	1	0	0	2	0	1	1	0	0	0	0
231	**Methods**	Non-negative Matrix Factorization (NMF)	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
232	**Methods**	Particle Swarm Optimization (PSO)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
233	**Methods**	Penalized Generalized Estimating Equations	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
234	**Methods**	Principal Component Analysis (PCA)	0	0	0	0	0	0	0	0	0	1	2	1	0	1	2
235	**Methods**	Random Forest	0	0	0	0	1	0	2	0	4	1	4	3	3	4	6
236	**Methods**	Random Walk	0	0	0	0	0	1	0	0	0	0	0	1	2	2	1
237	**Methods**	Self-Organizing Map (SOM)	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1
238	**Methods**	Semantic	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0
239	**Methods**	Semi-Automatic Extraction	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
240	**Methods**	Singular Value Decomposition (SVD)	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
241	**Methods**	Smith-Waterman Algorithm	0	0	1	0	1	0	1	1	1	0	1	1	0	0	0
242	**Methods**	Support Vector Machines (SVM)	0	0	3	2	5	7	4	5	8	6	10	9	16	8	8
243	**Methods**	Support Vector Regression (SVR)	1	1	0	0	0	1	0	1	1	0	0	0	0	0	0
244	**Methods**	Survival Analysis	0	0	0	0	0	0	0	0	1	0	2	2	0	2	2
245	**Methods**	SVM-RFE	0	0	0	0	0	2	0	1	0	0	0	0	1	1	0
246	**Methods**	Text Mining	0	0	0	2	0	0	1	2	1	2	2	5	3	4	6
247	**Methods**	Wang-Landau Monte Carlo Methods	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
248	**Species**	Arabidopsis	1	3	11	16	6	16	16	17	25	33	24	21	29	28	23
249	**Species**	Bacteria	3	1	5	10	3	14	10	12	8	14	8	10	15	6	10
250	**Species**	C. elegans	5	4	13	17	7	23	20	24	24	31	23	21	23	20	15
251	**Species**	Chicken	2	1	10	14	8	19	14	19	15	27	15	17	24	16	17
252	**Species**	Fruitfly	5	3	13	19	9	21	21	26	20	36	25	15	26	21	16
253	**Species**	Human	4	4	16	27	29	39	49	73	68	89	91	##	##	##	99
254	**Species**	Maize	2	2	7	12	3	12	11	15	16	21	15	10	18	20	18
255	**Species**	Mouse	4	3	15	23	18	27	24	39	34	51	42	36	52	35	34
256	**Species**	Rat	3	2	13	19	9	20	19	29	22	34	25	19	28	19	22
257	**Species**	Rice	1	3	6	12	6	12	11	18	21	22	20	15	18	23	20
258	**Species**	Soybean	1	1	5	10	3	10	10	15	13	20	12	12	17	16	17
259	**Species**	Tomato	1	1	5	9	2	11	9	14	14	19	13	12	15	14	19
260	**Species**	Virus	2	1	6	9	2	12	10	13	12	17	11	12	17	12	9
261	**Species**	Wheat	1	1	5	9	3	10	9	15	13	19	12	11	16	15	15
262	**Species**	Xenopus	2	1	6	12	3	15	11	17	12	21	11	11	16	12	13
263	**Species**	Zebrafish	3	1	13	15	8	17	16	21	17	31	19	16	24	18	14

The table is sorted alphabetically by column Tag Categories and Tags.