

Supplementary figure S1. Numbers of articles citing the original papers describing each type of RADseq protocol over time. Data (see table) generated using Web of Science. Data for 2015 are extrapolated using numbers of articles cited from January through September 2015. Protocols are arranged by order of first appearance in the literature. CRoPS, complexity reduction of polymorphic sequences; original RAD, original restriction-site associated-DNA; RRL, reduced representation library; GBS, genotyping by sequencing; MSG, multiplexed shotgun genotyping; SBG, sequence-based genotyping; ddRAD, double-digest restriction-site-associated DNA; SLAF-seq, specific-locus amplified fragment sequencing; RestSeq, restriction fragment sequencing.

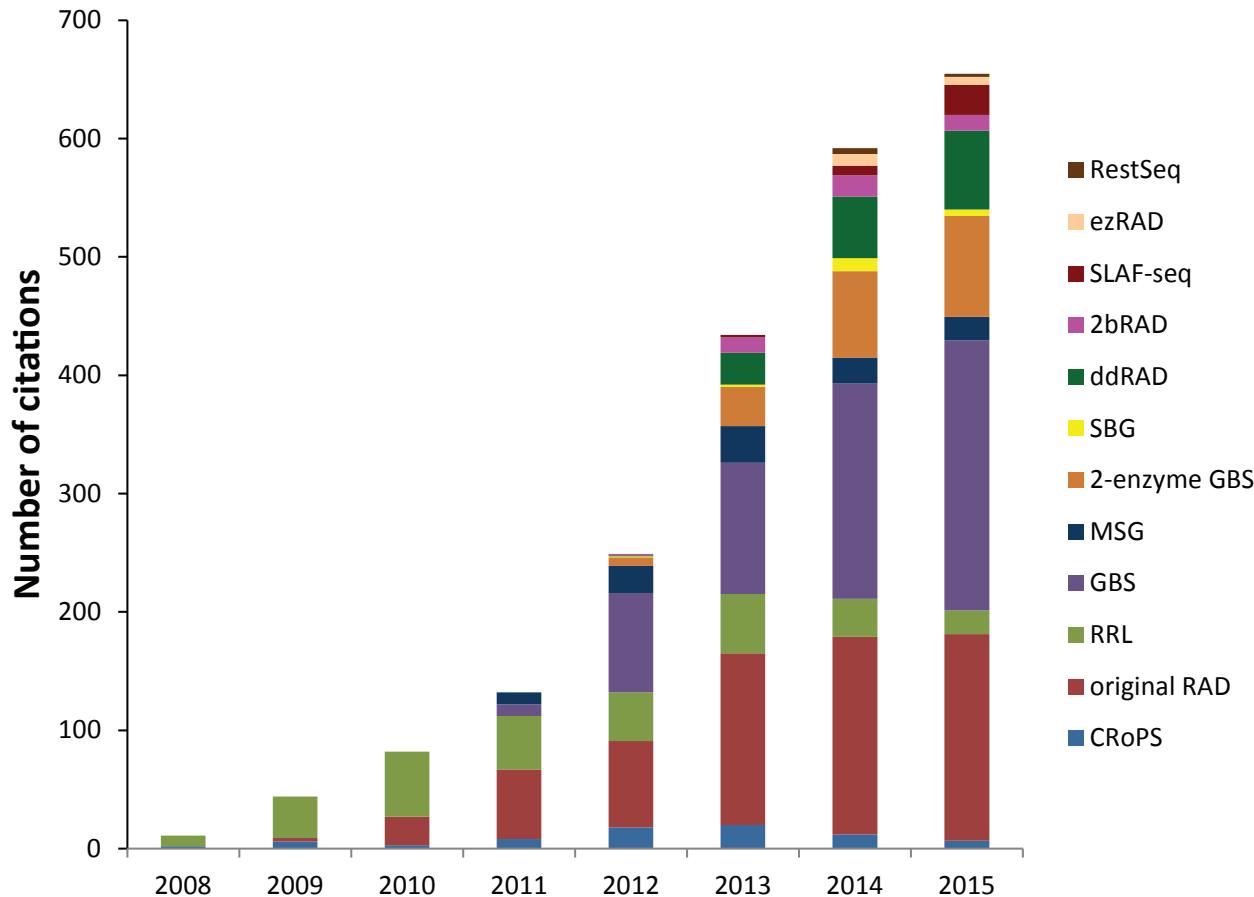


Table. Data from Web of Science on the numbers of articles citing the original papers describing each RADseq protocol over time; used to produce supplementary figure S1.

	2008	2009	2010	2011	2012	2013	2014	2015	REF.
CRoPS	2	6	3	8	18	20	12	6.67	1
original RAD	0	3	24	59	73	145	167	175	2,3
RRL	9	35	55	45	41	50	32	20.0	4,5
GBS	0	0	0	10	84	111	182	228	6
MSG	0	0	0	10	23	31	22	20.0	7
2-enzyme GBS	0	0	0	0	7	33	73	85.3	8
SBG	0	0	0	0	1	2	11	5.33	9
ddRAD	0	0	0	0	1	27	52	66.7	10
2bRAD	0	0	0	0	1	13	18	13.3	11,12
SLAF-seq	0	0	0	0	0	2	8	25.3	13
ezRAD	0	0	0	0	0	0	10	6.67	14
RestSeq	0	0	0	0	0	0	5	2.67	15

References

1. van Orsouw, N. J. *et al.* Complexity Reduction of Polymorphic Sequences (CRoPS (TM)): A Novel Approach for Large-Scale Polymorphism Discovery in Complex Genomes. *Plos One* **2**, doi:10.1371/journal.pone.0001172 (2007).
2. Baird, N. A. *et al.* Rapid SNP Discovery and Genetic Mapping Using Sequenced RAD Markers. *Plos One* **3**, doi:e337610.1371/journal.pone.0003376 (2008).
3. Miller, M. R., Dunham, J. P., Amores, A., Cresko, W. A. & Johnson, E. A. Rapid and cost-effective polymorphism identification and genotyping using restriction site associated DNA (RAD) markers. *Genome Research* **17**, 240-248, doi:10.1101/gr.5681207 (2007).
4. Van Tassell, C. P. *et al.* SNP discovery and allele frequency estimation by deep sequencing of reduced representation libraries. *Nature Methods* **5**, 247-252, doi:10.1038/nmeth.1185 (2008).
5. Greminger, M. P. *et al.* Generation of SNP datasets for orangutan population genomics using improved reduced-representation sequencing and direct comparisons of SNP calling algorithms. *BMC Genomics* **15**, doi:10.1186/1471-2164-15-16 (2014).
6. Elshire, R. J. *et al.* A robust, simple Genotyping-by-Sequencing (GBS) approach for high diversity species. *Plos One* **6**, doi:10.1371/journal.pone.0019379 (2011).
7. Andolfatto, P. *et al.* Multiplexed shotgun genotyping for rapid and efficient genetic mapping. *Genome Research* **21**, 610-617, doi:10.1101/gr.115402.110 (2011).
8. Poland, J. A. & Rife, T. W. Genotyping-by-Sequencing for Plant Breeding and Genetics. *Plant Genome* **5**, 92-102, doi:10.3835/plantgenome2012.05.0005 (2012).
9. Truong, H. T. *et al.* Sequence-Based Genotyping for Marker Discovery and Co-Dominant Scoring in Germplasm and Populations. *Plos One* **7**, doi:10.1371/journal.pone.0037565 (2012).
10. Peterson, B. K., Weber, J. N., Kay, E. H., Fisher, H. S. & Hoekstra, H. E. Double Digest RADseq: An inexpensive method for de novo SNP discovery and genotyping in model and non-model species. *Plos One* **7**, doi:10.1371/journal.pone.0037135 (2012).
11. Wang, S., Meyer, E., McKay, J. K. & Matz, M. V. 2b-RAD: a simple and flexible method for genome-wide genotyping. *Nature Methods* **9**, 808-812 (2012).
12. Guo, Y. *et al.* An improved 2b-RAD approach (I2b-RAD) offering genotyping tested by a rice (*Oryza sativa* L.) F2 population. *Bmc Genomics* **15**, doi:10.1186/1471-2164-15-956 (2014).
13. Sun, X. W. *et al.* SLAF-seq: An Efficient Method of Large-Scale De Novo SNP Discovery and Genotyping Using High-Throughput Sequencing. *Plos One* **8**, doi:10.1371/journal.pone.0058700 (2013).
14. Toonen, R. J. *et al.* ezRAD: a simplified method for genomic genotyping in non-model organisms. *PeerJ* **1**, e203-e203, doi:10.7717/peerj.203 (2013).
15. Stolle, E. & Moritz, R. F. A. RESTseq - Efficient Benchtop Population Genomics with RESTriction Fragment SEQuencing. *Plos One* **8**, doi:10.1371/journal.pone.0063960 (2013).