

Mio Kikuchi

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Low-copy transgene detection using nested digital polymerase chain reaction for gene-doping control. <i>Drug Testing and Analysis</i> , 2022, 14, 382-387.	2.6	8
2	Identification of processed pseudogenes in the genome of Thoroughbred horses: Possibility of gene-doping detection considering the presence of pseudogenes. <i>Animal Genetics</i> , 2022, 53, 183-192.	1.7	6
3	Detection of non-targeted transgenes by whole-genome resequencing for gene-doping control. <i>Gene Therapy</i> , 2021, 28, 199-205.	4.5	12
4	Robustness of Digital PCR and Real-Time PCR in Transgene Detection for Gene-Doping Control. <i>Analytical Chemistry</i> , 2021, 93, 7133-7139.	6.5	14
5	Robustness of digital PCR and real-time PCR against inhibitors in transgene detection for gene doping control in equestrian sports. <i>Drug Testing and Analysis</i> , 2021, 13, 1768-1775.	2.6	8
6	Rare and common variant discovery by whole-genome sequencing of 101 Thoroughbred racehorses. <i>Scientific Reports</i> , 2021, 11, 16057.	3.3	11
7	Design and storage stability of reference materials for microfluidic quantitative PCR-based equine gene doping tests. <i>Journal of Equine Science</i> , 2021, 32, 125-134.	0.8	2
8	Microfluidic Quantitative PCR Detection of 12 Transgenes from Horse Plasma for Gene Doping Control. <i>Genes</i> , 2020, 11, 457.	2.4	28
9	Whole-genome resequencing using genomic DNA extracted from horsehair roots for gene-doping control in horse sports. <i>Journal of Equine Science</i> , 2020, 31, 75-83.	0.8	6
10	Droplet Digital PCR Detection of the Erythropoietin Transgene from Horse Plasma and Urine for Gene-Doping Control. <i>Genes</i> , 2019, 10, 243.	2.4	33
11	Digital PCR detection of plasmid DNA administered to the skeletal muscle of a microminipig: a model case study for gene doping detection. <i>BMC Research Notes</i> , 2018, 11, 708.	1.4	21
12	Detection of phosphorothioated (PS) oligonucleotides in horse plasma using a product ion (m/z) Tj ETQq0 0 0 rgBT ₁ /Overlock 10 Tf 50 3	1.4	11
13	A genome-wide association study for body weight in Japanese Thoroughbred racehorses clarifies candidate regions on chromosomes 3, 9, 15, and 18. <i>Journal of Equine Science</i> , 2017, 28, 127-134.	0.8	19