TGE2015　Poster Presentation

Date & Time: 16:20~17:50, November 19th, 2015
Place: Reception Hall, Nara Kasugano International Forum IRAKA 2nd floor
*Excellent papers have been chosen for Oral Poster Session

Poster No.	Oral Poster No.	First Author	Affiliation	Abstract Title
P-1		Takaya Abe	Genetic Engineering Team, RIKEN CLST, Japan	Multi-gene knockouts by the CRISPR/Cas9 system in mouse ES cells: an approach to phenotyping of embryonic lethal mutants in F0 embryos
P-2	OP7	Tomomi Aida	Tokyo Medical and Dental University, Japan	Genome editing in mice by cloning-free CRISPR/Cas system
P-3		Shinya Ayabe	RIKEN BioResource Center, Japan	Experiences implementing CRISPR/Cas9 in the feasibility study for a large scale collection, preservation, and provision of mutant mice
P-4	OP13	Kimihiko Banno	Osaka University, Japan	Systematic Cellular Disease Models Reveal Synergistic Interaction of Trisomy 21 and GATA1 Mutations in Hematopoietic Abnormalities
P-5	OP6	Cor Breukel	Human Genetics, LUMC, Leiden, The Netherlands	Fast generation of reporter mice by oocyte injection of two sgRNAs, Cas9 mRNA and a large circular ds targeting construct.
P-6		Amy Pan Heung Chiu	The Hong Kong Polytechnic University, Hong Kong	Validating the effects and genetic mechanisms of hepatitis B viral (HBV) gene components in liver tumorigenesis in vivo using a transposon-based reverse genetic system
P-7	OP3	Stephen C Ekker	Mayo Clinic, USA	Cure Mapping for Individualized Medicine
P-8	OP11	Hodaka Fujii	Osaka University, Japan	Locus-specific biochemical analysis of genome functions using enChIP: an application of CRISPR/Cas and TAL to purification of specific genomic regions
P-9		Yoshihiro Fujikawa	Osaka University, Japan	Targeted inactivation of translesion DNA synthesis polymerase genes in Medaka fish using TALENs
P-10	OP8	Andrew Marc Hammond	Imperial College London, UK	A synthetic CRISPR-based gene drive system for population suppression in the human malaria mosquito
P-11		Yoshikazu Hoshino	University of Tsukuba, Japan	Simple generation of hairless mice by the CRISPR/Cas9 system
P-12		Harunobu Kagawa	Kyoto University, Japan	KLF4 stoichiometry determines the presentation and timing of cell surface markers during somatic cell reprogramming
P-13		Tomo Kamitani	Osaka University, Japan	A combination of Bloom gene inactivation and CRISPR/Cas9-mediated DNA cleavage may facilitate construction of a loss-of-heterozygosity library of the mouse genome
P-14	OP10	Masato Kanemaki	National Institute of Genetics, Japan	A short-homology-mediated tagging method for generation of human conditional mutants by use of the auxin-inducible degron (AID) technology
P-15		Yoshio Kato	National Institute of Advanced Industrial Science and Technology (AIST), Japan	Targeted genome manipulation by protein delivery
P-16		Atsuo Kawahara	University of Yamanashi, Japan	Efficient multiple genome modifications induced by the CRISPR/Cas9 system in zebrafish
P-17		Shin-Il Kim	CiRA, Kyoto University, Japan	Combined Application of piggyBac Transposon Family Members in Human Embryonic Stem Cells
P-18		Kaori Kubo	Graduate School of Life and Medical Sciences, Doshisha University, Japan	Functional analysis of the transcription factor Nrf1 isoforms by using CRISPR/Cas9 system
P-19		Morito Kurata	Masonic Cancer Center, University of Minnesota-Twin Cities, USA	Identification of Ara-C resistant responsible genes by CRISPR library
P-20		Meng Li	Wellcome Trust Sanger Institute, UK	Molecular dissection of embryonic stem cell differentiation by CRISPR-based genome-wide genetic screening
P-21		Atsushi Matsuba	Nara Institute of Science and Technology, Japan	Random insertional mutagenesis of transcriptionally silent genes in mouse embryonic stem cells
P-22		Masafumi Mikami	Plant Genome Engineering Research Unit, Agrogenomics Research Center, National Institute of Agrobiological Sciences, Japan	Precision targeted mutagenesis via Cas9 paired nickases in rice
P-23		Tatsuo Miyamoto	Hiroshima University, Japan	Introduction of SNPs in human cultured cells using single-base-pair editing technique
P-24		Seiya Mizuno	University of Tsukuba, Japan	Applied Genome Editing with CRISPR/Cas9 Plasmid in Mice.
P-25		Branden S Moriarity	University of Minnesota, USA	Simultaneous induction/repression of numerous endogenous genes with temporal control using the CRISPR System
P-26	OP12	Takahiro Nakamura	Kyushu University, Japan	PPR motif as a new DNA/RNA binding module for genome/transcriptome editing
P-27		Takashi Nakanishi	Osaka University, Japan	Efficient DNA integration into germ line genome via TALEN in Daphnia magna
P-28		Wataru Nomura	Tokyo Medical and Dental University, Japan	Simultaneous digestion by site-specific nucleases for efficient gene deletion: Study of hTERT promoter function
P-29		Jose Fabian Oceguera-Yanez	CiRA, Kyoto University, Japan	Establishment of a human iPS cell line harboring a live-cell reporter to assess the efficiency of keratinocyte differentiation
P-30		Masato Ohtsuka	Tokai University, Japan	CRISPR/Cas9-based targeted insertion of longer single-stranded DNAs and its application for generation of knockdown mice
P-31	OP9	Stephen Pettitt	Institute of Cancer Research, UK	A CRISPR mutagenesis screen identifies thymine DNA glycosylase as a determinant of PARP inhibitor toxicity.
P-32		Tetsushi Sakuma	Hiroshima University, Japan	Improved PITCh systems for high-throughput MMEJ-dependent gene knock-in in human cells
P-33	OP4	Attila Sebe	Department of Medical Biotechnology, Paul Ehrlich Institute, Langen, Germany	An in vitro Sleeping Beauty transposon-based genetic screen to identify novel genes and pathways driving breast cancer metastasis
P-34	OP2	Branden Smeester	University of Minnesota, USA	Validation of Candidate Osteosarcoma genes using the CRISPR System
P-35		Takefumi Sone	Keio University, Japan	TALEN-mediated genome editing of patient-derived iPSCs for disease model studies
P-36		Ken-ichi T Suzuki	Hiroshima University, Japan	An efficient protocol for genome editing using CRISPR/Cas9 in Xenopus tropicalis

P-37		Nozomu Takata	RIKEN, CDB, Japan	Visualization and manipulation of developing tissues by editing genome with TALEN, ZFN and CRISPR/Cas9
P-38		Masahiro Tokunaga	Osaka University, Japan	Identification and characterization of a novel nuclear protein that is essential for hematopoietic development
P-39	OP5	Qingbo Wang	Department of Bioinformatics and Systems Biology, Faculty of Science, The University of Tokyo, Japan	Computational identification of CRISPR/Cas9 target sites reveals potential off-target risks in human and mouse
P-40		Natalie K Wolf	University of Minnesota, USA	Validation of Malignant Peripheral Nerve Sheath Tumor Candidate Cancer genes using the CRISPR System
P-41		Yuta Yamamoto	Kyoto University, Japan	Generation of TRPM4 knock out human induced pluripotent stem cells by genome editing using the CRISPR-Cas9 nickase.
P-42		Ayako Yamanishi	Osaka University, Japan	Homozygous mutant mouse embryonic stem cell bank arising from autodiploidization during haploid gene-trap mutagenesis
P-43	OP1	Junko Yoshida	Nara Medical University, Japan	Genome-wide comparative analyses of retroviral and DNA-type transposon vector integration sites
P-44		Kazuto Yoshimi	National Institute of Genetics, Japan	CRISPR/Cas9-mediated plasmid knock-in and replacement of genomic region with single stranded oligonucleotides in rats
P-45		Yasuhide Yoshimura	Osaka University, Japan	Establishment of a forward genetic system with chromosomal crossing over in human iPS cells