

Selected published papers using TIANGEN PCR products

Topic	Journal	IF	Product	Institution
The Mitochondrial Unfolded Protein Response Is Mediated Cell-Non-autonomously by Retromer-Dependent Wnt Signaling	Cell	36.216	Taq Mix	Institute of Genetics and Developmental Biology, Chinese Academy of Sciences
Cannabinoid CB1 receptors in the amygdalar cholecystokinin glutamatergic afferents to nucleus accumbens modulate depressive-like behavior	Nature Medicine	30.641	HotStar Taq polymerase	Zhejiang University
Metabolic engineering of <i>Escherichia coli</i> for de novo biosynthesis of vitamin B12	Nature Communications	11.878	Taq Mix/DNA ladder	Tianjin Institute of Industrial Biotechnology, Chinese Academy of Sciences
The conserved 3' UTR-derived small RNA NarS mediates mRNA crossregulation during nitrate respiration	Nucleic Acids Research	11.147	Taq Mix II	Shanghai Medical College of Fudan University
T5 exonuclease-dependent assembly offers a low-cost method for efficient cloning and site-directed mutagenesis	Nucleic Acids Research	11.147	Taq / pfu polymerase	Shandong University
RINT1 Bi-allelic Variations Cause Infantile-Onset Recurrent Acute Liver Failure and Skeletal Abnormalities	American Journal of Human Genetics	9.924	Taq Mix	Mayo Clinic in Rochester, Minnesota
Downregulation of TRIM27 expression inhibits the proliferation of ovarian cancer cells <i>in vitro</i> and <i>in vivo</i>	Laboratory Investigation	3.676	RT/Taq mix	Shandong University
Phylogeny and classification of the East Asian <i>Amitostigma</i> alliance (Orchidaceae: Orchideae) based on six DNA markers	BMC Evolutionary Biology	3.368	Taq polymerase	Kunming Institute of Botany, Chinese Academy of Sciences
Chlorogenic Acid Improves Late Diabetes through Adiponectin Receptor Signaling Pathways in db/db Mice	PLoS one	3.234	RT/PCR mix	Pecking University Third Hospital
Identification and Characterization of a Novel Microvitellogenin from the Chinese Oak Silkworm <i>Antheraea pernyi</i>	PLoS one	3.234	M-MLV RT/Taq polymerase Genomic DNA extraction/RNA extraction	Shenyang Agricultural University
Association between BMP15 Gene Polymorphism and Reproduction Traits and Its Tissues Expression Characteristics in Chicken	PLoS one	3.234	PCR mix	Shandong Academy of Agricultural Sciences
Evaluation of Appropriate Reference Genes for Gene Expression Normalization during Watermelon Fruit Development	PLoS one	3.234	PCR mix/genomic DNA extraction	Huazhong Agricultural University
Molecular Cloning and mRNA Expression of Heat Shock Protein Genes and Their Response to Cadmium Stress in the Grasshopper <i>Oxya chinensis</i>	PLoS one	3.234	Taq polymerase/ gel recovery	Shanxi University
Molecular Identification of Sibling Species of <i>Sclerodermus</i> (Hymenoptera: Bethyilidae) That Parasitize Buprestid and Cerambycid Beetles by Using Partial Sequences of Mitochondrial DNA Cytochrome Oxidase Subunit 1 and 28S Ribosomal RNA Gene	PLoS one	3.234	Taq polymerase/ genomic DNA extraction	Chinese Academy of Forestry
Genetic diversity of <i>Plasmodium vivax</i> population before elimination of malaria in Hainan Province, China	Malaria Journal	3.109	Taq mix/ DNA marker	Hainan Center for Disease Control & Prevention
Overexpression of porcine lipoprotein-associated phospholipase A2 in swine	BBRC	2.297	PCR mix	Jilin University