BIONEER
Innovation • Value • Discovery

No.	Product	Year	Title	Author	Publisher	Volume, Issue	IF (2023)
1	2025	Gene synthesis service	Cancer-intrinsic Cxcl5 orchestrates a global metabolic reprogramming for resistance to oxidative cell death in 3D	Ramin Seo, *et al.*	cell death & differentiation	32, 1200-1213	14.45
2	2025	Gene synthesis service	Designing an apoptosis reporter by mutagenesis-based insertion of caspase-3 cleavage motif into green fluorescence protein	Jihoon Kim, *et al.*	Journal of Advanced Research,	https://doi.org/10.1016/j.jare.2025.06.070	13.45
3	2025	Gene synthesis service	Elevated plasma levels of alpha-synuclein are dispensable for Parkinson's disease pathology	Jin-Young Jeong, *et al.*	npj Parkinson's Disease,	Vol.11, Article number: 228 (2025)	8.2
4	2025	Gene synthesis service	LncRNA H19 acts as a ceRNA to promote glioblastoma malignancy by sponging miR-19b-3p and upregulating SERPINE1	Wonyi Jang, *et al.*	Cancer Cell International	25(217)	5.97
5	2025	Gene synthesis service	Rap1 overexpression boosts triterpenoid saponin production in yeast by enhancing precursor supply and heterologous gene expression	Ji-Young Byun, *et al.*	Microbial Cell Factories	24(47)	4.9
6	2025	Gene synthesis service	The 3D meshwork architecture of the outer coat protein CotE	Sung Hyun Hong, *et al.*	mBio,	https://doi.org/10.1128/mbio.02472-24	4.7
7	2025	Gene synthesis service	High-affinity promotor binding of YhaJ mediates a low signal leakage for effective DNT detection	Myeongbin Kim *et al.*	Front. Microbiol.	15, doi: 10.3389/fmicb.2024.1510655	4.49
8	2025	Gene synthesis service	Development of a Recombinant Fusion Vaccine Candidate Against Lethal Clostridium botulinum Neurotoxin Types A and B	Eun-Sun Choi, *et al.*	Vaccines	13(1), 39	3.58
9	2025	Gene synthesis service	Establishment of High-Throughput Screening Protocol Based on Isomerase Using Geobacillus sp. L-Rhamnose Isomerase	Na Kyeong Koo, *et al.*	J Microbiol Biotechnol.	35: e2507026	3.35

10	2025	Gene synthesis service	The Molecular Monitoring of an Invasive Freshwater Fish, Brown Trout (Salmo trutta), Using Real-Time PCR Assay and Environmental Water Samples	Su-Hwan Kim, *et al.*	Animals	15(5), 659, https://doi.org/10.3390/ani15050659	2.7