SNAPSHOOT
ENGINEERED FOR A SAFER TOMORROW

현장을 이해하고, 필요한 솔루션을 연결합니다.

산업안전 · 추락방지 시스템
산업용 소재 · 건축자재
제품 제안부터 공급·시공·설치·교육까지



COMPANY INFORMATION

스냅슛 (SNAPSHOOT)

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TECHNICAL DOCUMENTS

인증서 · 데이터시트 · 기술자료

제품의 규격과 성능, 인증 및 적용 조건을 확인하기 위한 자료입니다.

ABOUT SNAPSHOOT

제품 공급을 넘어, 현장에 맞는 해결책으로

스냅슛은 산업현장의 작업 환경과 요구 조건을 바탕으로
적합한 제품과 시스템을 제안합니다. 현장 실사를 통해 설치 조건을 확인하고,
공급부터 시공·설치 및 사용 교육까지 필요한 과정을 함께합니다.

추락방지 시스템

안전대부착설비 · 수평·수직 라이프라인
레일 시스템 · 리지드 포스트

밀폐공간 진입·구조 솔루션

데빗암 · 삼각대 · 구조용 윈치
윈치 안전블록 · 구조장비

산업안전 보호구

전신형 안전대 · 랜야드 · 안전블록
작업 환경에 맞춘 개인보호구

산업용 소재·건축자재

산업용 테이프 · 접착제 · 기능성 소재
구조용 스크류 · 목조건축 자재

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홈페이지 바로가기 →
문서 라이브러리 바로가기 →
시공사례 바로가기 →
문의하기 →

본 페이지는 스냅슛의 자료 제공 안내용 표지입니다. 첨부된 인증서 및 기술자료의 발행 주체, 인증 대상과 적용 범위는 해당 원문을 기준으로 확인해 주세요.

GGP

GeneSeek® Genomic Profiler™ Equine

The most comprehensive and cost-effective tool for equine genotyping.

GGP Equine supports a broad range of applications, including research and discovery of new traits, parentage analysis, and hereditary disease and trait screening. Designed using the most informative and useful SNPs from higher density arrays, GGP Equine is a comprehensive and cost-effective tool that provides you with informative, consistent, and accurate data.

History & Design

Originally based on Illumina's Equine SNP50 platform, this beadchip was created with data generated by the Equine Genome Mapping Workshop and Broad Institute's Equine Genome Sequencing Project using SNPs from Arabian, Andalusian, Akhal-teke, Icelandic, Standardbred, Thoroughbred, and Quarter Horse breeds. Our GGP Equine has undergone multiple iterations to improve coverage and minor allele frequency across many major horse breeds. Developed using the Multiple Objective Local Optimization (MOLO) algorithm[1], GGP Equine includes over 70,000 evenly distributed SNPs with an average minor allele frequency of 0.26.

Content & Application

In addition to the over 70,000 evenly distributed SNP markers available for research and discovery, GGP Equine also includes specific published markers associated with relevant health conditions, physical traits, Y chromosome markers, and over 1000 mitochondrial markers useful for research and breeding organizations.

GGP Equine is a robust and multipurpose tool that serves as a foundation for many research and commercial applications.

- Genome-wide association studies
- Identification of genes and polymorphisms that contribute to traits of interest
- Development of genomic predictions and enhanced breeding values
- Foundation for validation, translation, delivery of health, and trait markers to users such as horse owners, breeders, and veterinarians*

*Patent restrictions may apply to markers depending on region and application — contact us for more details.

[1] Wu XL, Xu J, Feng G, Wiggans GR, Taylor JF, et al. (2016) Optimal Design of Low-Density SNP Arrays for Genomic Prediction: Algorithm and Applications. PLOS ONE 11(9): e0161719. https://doi.org/10.1371/journal.pone.0161719

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Published Health and Trait Markers Included with GGP Equine

Health
Cerebellar abiotrophy
Epidermolysis bullosa, junctionalis
Hyperkalemic periodic paralysis II (HYPP)
Dwarfism with joint laxity
HERDA — hereditary equine regional dermal asthenia
Hoof wall separation syndrome
Hydrocephalus
Incontinentia pigmenti
Malignant hyperthermia
Myotonia
Naked foal syndrome
SCID — severe combined immuneodeficiency
Glanzmann thrombasthenia
Multiple ocular defects
Lavender foal syndrome*
Warmblood fragile foal syndrome*
Polysaccharide storage myopathy / exertional rhabdomyolysis*
Congenital stationary night blindness*
Ocular squamous cell carcinoma
Dwarfism, ACAN-related
Androgen insensitivity syndrome (AIS)
Gilbert-meulengracht syndrome
Congenital hepatic fibrosis 1
Foal immunodeficiency syndrome
Risk Variants
Immune-mediated myositis
Lordosis (swayback)
Curiosity and vigilance
Equine recurrent uveitis

Coat Colors
Extension (red/black factor)
Modifying mutation to extension
Recessive black (agouti)
Cream dilution
Pearl
Non-dun 1
Non-dun 2
Silver
Champagne
Grey
Frame overo (lethal white overo)
Tobiano
Leopard complex spotting*
Curly hair variant 1
Curly hair variant 2
Dominant white (W1-W23)
Macchiato
Brindle / incongenitia pigmenti
Brindle (BR1)
Sabino
Splashed white 1
Splashed white 2
Splashed white 3
Splashed white 4
Pattern 1 (PATN1)
Size Variation
Body size
Pony size

*Patent restrictions may apply to markers depending on region and application.

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