

Middle East & Africa Animal Genetics Market Forecast to 2028 - Regional Analysis - by Type (Services [DNA Typing, Genetic Trait Tests, Genetic Disease Tests, and Others] and Product), Animal (Porcine, Poultry, Bovine, Canine, and Others), and Genetic Material (Embryo and Semen)

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Abstracts

The Middle East & Africa animal genetics market was valued at US\$ 249.11 million in 2022 and is expected to reach US\$ 336.85 million by 2028; it is estimated to grow at a CAGR of 5.2% from 2022 to 2028.

Innovations in Phenotyping Services fuel the Middle East & Africa Animal Genetics Market

Phenotype selection is a modern approach in animal genetics, which is expected to offer considerable opportunities in the market by providing successful tools for the long-term improvement of livestock efficiency. Rapid genetic selection through these services is expected to improve the quality of dairy cattle as well as animals that are rich sources of proteins. Phenotyping of animals can also improve animal efficiency in terms of health and body resilience to be minimally affected by environmental disturbances. Automated high-throughput phenotyping with sensors, imaging, and other on-farm technologies has generated huge amounts of largely utilized data for research purposes. In the future, sequencing and other genomics technology will also facilitate the ability for deep phenotyping of livestock at the molecular level. Services such as data science and training services needed to manage, record, and analyze data to generate knowledge and advances in animal genetics and related disciplines have considerable prospects in the future. Market players in the animal genetics market have

adopted several strategies to adopt these innovative phenotyping services. In July 2020, Vytelle IVF and GrowSafe Systems Ltd partnered to accelerate genetic advances in bovine biotechnology. The companies will operate together to produce high-quality protein with sustainability and offer profit potential for cattle producers. These companies also offer phenotyping services to fast forward generational advances in animal genetics. Thus, such advances in phenotyping services will bring significant opportunities for players in the animal genetics market. Further, evolution in genetics has enabled the use of CRISPR-Cas-based tools, transcription-activating nuclease (TALEN), and zinc finger nucleases (ZFN), offering wider growth opportunities for market growth. These technologies will allow the selection of animals based on their genomics and help understand animal biology properly. Thus, these benefits are anticipated to expand the animal genetic practice and foster market growth in the coming years.

Middle East & Africa Animal Genetics Market Overview

The UAE, Saudi Arabia, and South Africa are the three major countries in the Middle East & Africa. The animal genetics market in the Middle East is driven by the factors such as growing demand for high quality animal meat and meat products, increasing support by governments for animal genetics, and burgeoning research activities in animal breeding.

Middle East & Africa Animal Genetics Market Revenue and Forecast to 2028 (US\$ Million)

Middle East & Africa Animal Genetics Market Segmentation

The Middle East & Africa animal genetics market is segmented based on type, animal, genetic material, and country. Based on type, the Middle East & Africa animal genetics market is bifurcated into services and product. The services segment held a larger market share in 2022.

Based on animal, the Middle East & Africa animal genetics market is segmented into porcine, poultry, bovine, canine, and others. The porcine segment held the largest market share in 2022.

Based on genetic material, the Middle East & Africa animal genetics market is

bifurcated into embryo and semen. The embryo segment held a larger market share in 2022.

Based on country, the Middle East & Africa animal genetics market is segmented into Saudi Arabia, South Africa, the UAE, and the Rest of Middle East & Africa. Saudi Arabia dominated the Middle East & Africa animal genetics market share in 2022.

Neogen Corp, Genus Plc, Topigs Norsvin Nederland B.V, Zoetis Inc, Hendrix Genetics B.V, Inotiv Inc, Alta Genetics Inc, GROUPE GRIMAUD LA CORBIERE, and Charles River Laboratories International Inc are some of the leading companies operating in the Middle East & Africa animal genetics market.

Contents

1. INTRODUCTION

- 1.1 Scope of the Study
- 1.2 The Insight Partners Research Report Guidance
- 1.3 Market Segmentation
 - 1.3.1 Middle East & Africa Animal Genetics Market – By Type
 - 1.3.2 Middle East & Africa Animal Genetics Market – By Genetic Material
 - 1.3.3 Middle East & Africa Animal Genetics Market – By Animal
 - 1.3.4 Middle East & Africa Animal Genetics Market – By Country

2. MIDDLE EAST & AFRICA ANIMAL GENETICS MARKET – KEY TAKEAWAYS

3. RESEARCH METHODOLOGY

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

4. MIDDLE EAST & AFRICA ANIMAL GENETICS MARKET – MARKET LANDSCAPE

- 4.1 Overview
- 4.2 PEST Analysis
 - 4.2.1 Middle East & Africa – PEST Analysis
- 4.3 Expert Opinions

5. MIDDLE EAST & AFRICA ANIMAL GENETICS MARKET – KEY MARKET DYNAMICS

- 5.1 Market Drivers
 - 5.1.1 Growing Preference for Animal-Derived Food Products
 - 5.1.2 Rising Adoption of Progressive Genetic Practices
- 5.2 Market Restraints
 - 5.2.1 Lack of Skilled Professionals in Veterinary Research
 - 5.2.2 Stringent Government Regulations for Animal Genetics
- 5.3 Market Opportunities
 - 5.3.1 Innovations in Phenotyping Services

5.4 Future Trends

5.4.1 Building Gene Banks and Investments in Animal Genetics

5.5 Impact Analysis

6. ANIMAL GENETICS MARKET – MIDDLE EAST & AFRICA ANALYSIS

6.1 Middle East & Africa Animal Genetics Market Revenue Forecast and Analysis

7. MIDDLE EAST & AFRICA ANIMAL GENETICS MARKET ANALYSIS – BY TYPE

7.1 Overview

7.2 Animal Genetics Market, By Type, 2022 & 2028 (%)

7.3 Product

7.3.1 Overview

7.3.2 Product: Animal Genetics Market Revenue and Forecast to 2028 (US\$ Million)

7.4 Service

7.4.1 Overview

7.4.2 Service: Animal Genetics Market Revenue and Forecast to 2028 (US\$ Million)

7.4.3 DNA Typing

7.4.3.1 Overview

7.4.3.2 DNA Typing: Animal genetics market Revenue and Forecast to 2028 (US\$ Million)

7.4.4 Genetic Trait Tests

7.4.4.1 Overview

7.4.4.2 Genetic Trait Tests: Animal Genetics Market Revenue and Forecast to 2028 (US\$ Million)

7.4.5 Genetic Disease Tests

7.4.5.1 Overview

7.4.5.2 Genetic Disease Tests: Animal Genetics Market Revenue and Forecast to 2028 (US\$ Million)

7.4.6 Others

7.4.6.1 Overview

7.4.6.2 Others: Animal Genetics Market Revenue and Forecast to 2028 (US\$ Million)

8. MIDDLE EAST & AFRICA ANIMAL GENETICS MARKET ANALYSIS – BY ANIMAL

8.1 Overview

8.2 Animal Genetics Market, By Animal, 2022 & 2028 (%)

8.3 Poultry

8.3.1 Overview

8.3.2 Poultry: Animal Genetics Market Revenue and Forecast to 2028 (US\$ Million)

8.4 Porcine

8.4.1 Overview

8.4.2 Porcine: Animal Genetics Market Revenue and Forecast to 2028 (US\$ Million)

8.5 Bovine

8.5.1 Overview

8.5.2 Bovine: Animal Genetics Market Revenue and Forecast to 2028 (US\$ Million)

8.6 Canine

8.6.1 Overview

8.6.2 Canine: Animal Genetics Market Revenue and Forecast to 2028 (US\$ Million)

8.7 Others

8.7.1 Overview

8.7.2 Others: Animal Genetics Market Revenue and Forecast to 2028 (US\$ Million)

9. MIDDLE EAST & AFRICA ANIMAL GENETICS MARKET ANALYSIS – BY GENETIC MATERIAL

9.1 Overview

9.2 Animal Genetics Market, By Genetic Material, 2022 & 2028 (%)

9.3 Semen

9.3.1 Overview

9.3.2 Semen: Animal Genetics Market Revenue and Forecast to 2028 (US\$ Million)

9.4 Embryo

9.4.1 Overview

9.4.2 Embryo: Animal genetics market Revenue and Forecast to 2028 (US\$ Million)

10. MIDDLE EAST & AFRICA ANIMAL GENETICS MARKET – REVENUE AND FORECAST TO 2028 – COUNTRY ANALYSIS

10.1 Middle East & Africa: Animal Genetics Market

10.1.1 Overview

10.1.2 Middle East & Africa Animal Genetics Market, by Country, 2022 & 2028 (%)

10.1.3 Saudi Arabia: Animal Genetics Market – Revenue and Forecast to 2028 (US\$ Million)

10.1.3.1 Overview

10.1.3.2 Saudi Arabia: Animal Genetics Market – Revenue and Forecast to 2028 (US\$ Million)

10.1.3.3 Saudi Arabia: Animal Genetics Market, by Type – Revenue and Forecast to 2028 (US\$ Million)

10.1.3.3.1 Saudi Arabia: Animal Genetics Market, by Service – Revenue and Forecast to 2028 (US\$ Million)

10.1.3.4 Saudi Arabia: Animal Genetics Market, by Animal – Revenue and Forecast to 2028 (US\$ Million)

10.1.3.5 Saudi Arabia: Animal Genetics Market, by Genetic Material – Revenue and Forecast to 2028 (US\$ Million)

10.1.4 UAE: Animal Genetics Market – Revenue and Forecast to 2028 (US\$ Million)

10.1.4.1 Overview

10.1.4.2 UAE: Animal Genetics Market – Revenue and Forecast to 2028 (US\$ Million)

10.1.4.3 UAE: Animal Genetics Market, by Type – Revenue and Forecast to 2028 (US\$ Million)

10.1.4.3.1 UAE: Animal Genetics Market, by Service – Revenue and Forecast to 2028 (US\$ Million)

10.1.4.4 UAE: Animal Genetics Market, by Animal – Revenue and Forecast to 2028 (US\$ Million)

10.1.4.5 UAE: Animal Genetics Market, by Genetic Material – Revenue and Forecast to 2028 (US\$ Million)

10.1.5 South Africa: Animal Genetics Market – Revenue and Forecast to 2028 (US\$ Million)

10.1.5.1 Overview

10.1.5.2 South Africa: Animal Genetics Market – Revenue and Forecast to 2028 (US\$ Million)

10.1.5.3 South Africa: Animal Genetics Market, by Type – Revenue and Forecast to 2028 (US\$ Million)

10.1.5.3.1 South Africa: Animal Genetics Market, by Service – Revenue and Forecast to 2028 (US\$ Million)

10.1.5.4 South Africa: Animal Genetics Market, by Animal – Revenue and Forecast to 2028 (US\$ Million)

10.1.5.5 South Africa: Animal Genetics Market, by Genetic Material – Revenue and Forecast to 2028 (US\$ Million)

10.1.6 Rest of Middle East & Africa: Animal Genetics Market – Revenue and Forecast to 2028 (US\$ Million)

10.1.6.1 Overview

10.1.6.2 Rest of Middle East & Africa: Animal Genetics Market – Revenue and Forecast to 2028 (US\$ Million)

10.1.6.3 Rest of Middle East & Africa: Animal Genetics Market, by Type – Revenue

and Forecast to 2028 (US\$ Million)

10.1.6.3.1 Rest of Middle East & Africa: Animal Genetics Market, by Service – Revenue and Forecast to 2028 (US\$ Million)

10.1.6.4 Rest of Middle East & Africa: Animal Genetics Market, by Animal – Revenue and Forecast to 2028 (US\$ Million)

10.1.6.5 Rest of Middle East & Africa: Animal Genetics Market, by Genetic Material – Revenue and Forecast to 2028 (US\$ Million)

11. ANIMAL GENETICS MARKET–INDUSTRY LANDSCAPE

11.1 Overview

11.2 Growth Strategies Done by the Companies in the Market, (%)

11.3 Organic Developments

11.3.1 Overview

11.4 Inorganic Developments

11.4.1 Overview

12. COMPANY PROFILES

12.1 Neogen Corp

12.1.1 Key Facts

12.1.2 Business Description

12.1.3 Products and Services

12.1.4 Financial Overview

12.1.5 SWOT Analysis

12.1.6 Key Developments

12.2 Genus Plc

12.2.1 Key Facts

12.2.2 Business Description

12.2.3 Products and Services

12.2.4 Financial Overview

12.2.5 SWOT Analysis

12.2.6 Key Developments

12.3 Topigs Norsvin Nederland BV

12.3.1 Key Facts

12.3.2 Business Description

12.3.3 Products and Services

12.3.4 Financial Overview

12.3.5 SWOT Analysis

- 12.3.6 Key Developments
- 12.4 Zoetis Inc
 - 12.4.1 Key Facts
 - 12.4.2 Business Description
 - 12.4.3 Products and Services
 - 12.4.4 Financial Overview
 - 12.4.5 SWOT Analysis
 - 12.4.6 Key Developments
- 12.5 Hendrix Genetics BV
 - 12.5.1 Key Facts
 - 12.5.2 Business Description
 - 12.5.3 Products and Services
 - 12.5.4 Financial Overview
 - 12.5.5 SWOT Analysis
 - 12.5.6 Key Developments
- 12.6 Inotiv Inc
 - 12.6.1 Key Facts
 - 12.6.2 Business Description
 - 12.6.3 Products and Services
 - 12.6.4 Financial Overview
 - 12.6.5 SWOT Analysis
 - 12.6.6 Key Developments
- 12.7 Alta Genetics Inc
 - 12.7.1 Key Facts
 - 12.7.2 Business Description
 - 12.7.3 Products and Services
 - 12.7.4 Financial Overview
 - 12.7.5 SWOT Analysis
 - 12.7.6 Key Developments
- 12.8 GROUPE GRIMAUD LA CORBIERE
 - 12.8.1 Key Facts
 - 12.8.2 Business Description
 - 12.8.3 Products and Services
 - 12.8.4 Financial Overview
 - 12.8.5 SWOT Analysis
 - 12.8.6 Key Developments
- 12.9 Charles River Laboratories International Inc
 - 12.9.1 Key Facts
 - 12.9.2 Business Description

- 12.9.3 Products and Services
- 12.9.4 Financial Overview
- 12.9.5 SWOT Analysis
- 12.9.6 Key Developments

13. APPENDIX

- 13.1 About The Insight Partners
- 13.2 Glossary of Terms

List Of Tables

LIST OF TABLES

Table 1. Saudi Arabia: Animal Genetics Market, by Type – Revenue and Forecast to 2028 (US\$ Million)

Table 2. Saudi Arabia: Animal Genetics Market, by Service – Revenue and Forecast to 2028 (US\$ Million)

Table 3. Saudi Arabia: Animal Genetics Market, by Animal – Revenue and Forecast to 2028 (US\$ Million)

Table 4. Saudi Arabia: Animal Genetics Market, by Genetic Material – Revenue and Forecast to 2028 (US\$ Million)

Table 5. UAE: Animal Genetics Market, by Type – Revenue and Forecast to 2028 (US\$ Million)

Table 6. UAE: Animal Genetics Market, by Service – Revenue and Forecast to 2028 (US\$ Million)

Table 7. UAE: Animal Genetics Market, by Animal – Revenue and Forecast to 2028 (US\$ Million)

Table 8. UAE: Animal Genetics Market, by Genetic Material – Revenue and Forecast to 2028 (US\$ Million)

Table 9. South Africa: Animal Genetics Market, by Type – Revenue and Forecast to 2028 (US\$ Million)

Table 10. South Africa: Animal Genetics Market, by Service – Revenue and Forecast to 2028 (US\$ Million)

Table 11. South Africa: Animal Genetics Market, by Animal – Revenue and Forecast to 2028 (US\$ Million)

Table 12. South Africa: Animal Genetics Market, by Genetic Material – Revenue and Forecast to 2028 (US\$ Million)

Table 13. Rest of Middle East & Africa: Animal Genetics Market, by Type – Revenue and Forecast to 2028 (US\$ Million)

Table 14. Rest of Middle East & Africa: Animal Genetics Market, by Service – Revenue and Forecast to 2028 (US\$ Million)

Table 15. Rest of Middle East & Africa: Animal Genetics Market, by Animal – Revenue and Forecast to 2028 (US\$ Million)

Table 16. Rest of Middle East & Africa: Animal Genetics Market, by Genetic Material – Revenue and Forecast to 2028 (US\$ Million)

Table 17. Organic Developments Done By Companies

Table 18. Inorganic Developments Done By Companies

Table 19. Glossary of Terms, Middle East & Africa Animal Genetics Market

List Of Figures

LIST OF FIGURES

- Figure 1. Middle East & Africa Animal Genetics Market Segmentation
- Figure 2. Middle East & Africa Animal Genetics Market – By Country
- Figure 3. Middle East & Africa Animal Genetics Market Overview
- Figure 4. Services Segment Held Largest Share of Animal Genetics Market
- Figure 5. South Africa to Show Significant Growth During Forecast Period
- Figure 6. Middle East & Africa PEST Analysis
- Figure 7. Middle East & Africa Expert Opinion
- Figure 8. Middle East & Africa Animal Genetics Market Impact Analysis of Driver and Restraints
- Figure 9. Middle East & Africa Animal Genetics Market – Revenue Forecast and Analysis – 2020- 2028
- Figure 10. Middle East & Africa Animal Genetics Market, by Type, 2022 & 2028 (%)
- Figure 11. Product: Middle East & Africa Animal Genetics Market Revenue and Forecast to 2028 (US\$ Million)
- Figure 12. Service: Middle East & Africa Animal Genetics Market Revenue and Forecast to 2028 (US\$ Million)
- Figure 13. DNA Typing: Middle East & Africa Animal Genetics Market Revenue and Forecast to 2028 (US\$ Million)
- Figure 14. Genetic Trait Tests: Middle East & Africa Animal Genetics Market Revenue and Forecast to 2028 (US\$ Million)
- Figure 15. Genetic Disease Tests: Middle East & Africa Animal Genetics Market Revenue and Forecast to 2028 (US\$ Million)
- Figure 16. Others: Middle East & Africa Animal Genetics Market Revenue and Forecast to 2028 (US\$ Million)
- Figure 17. Middle East & Africa Animal Genetics Market, by Animal, 2022 & 2028 (%)
- Figure 18. Poultry: Middle East & Africa Animal Genetics Market Revenue and Forecast to 2028 (US\$ Million)
- Figure 19. Porcine: Middle East & Africa Animal Genetics Market Revenue and Forecast to 2028 (US\$ Million)
- Figure 20. Bovine: Middle East & Africa Animal Genetics Market Revenue and Forecast to 2028 (US\$ Million)
- Figure 21. Canine: Middle East & Africa Animal Genetics Market Revenue and Forecast to 2028 (US\$ Million)
- Figure 22. Others: Middle East & Africa Animal Genetics Market Revenue and Forecast to 2028 (US\$ Million)

to 2028 (US\$ Million)

Figure 23. Middle East & Africa Animal Genetics Market, by Genetic Material, 2022 & 2028 (%)

Figure 24. Semen: Middle East & Africa Animal Genetics Market Revenue and Forecast to 2028 (US\$ Million)

Figure 25. Embryo: Middle East & Africa Animal Genetics Market Revenue and Forecast to 2028 (US\$ Million)

Figure 26. Middle East & Africa: Animal Genetics Market, by Key Country – Revenue (2022) (US\$ Million)

Figure 27. Middle East & Africa: Animal Genetics Market, by Country, 2022 & 2028 (%)

Figure 28. Saudi Arabia: Animal Genetics Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 29. UAE: Animal Genetics Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 30. South Africa: Animal Genetics Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 31. Rest of Middle East & Africa: Animal Genetics Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 32. Growth Strategies Done by the Companies in the Market, (%)

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