



Strains Directed Breeding Platform Industry Research Report 2026

Industry	Published	Pages	Format
Service & Software	2026-03-03	119	PDF

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USD 2,950	USD 4,430	USD 5,900

Description

The global Strains Directed Breeding Platform market was valued at US\$ million in 2025 and is projected to reach US\$ million by 2032, implying a CAGR of % over 2026–2032.

North America: the Strains Directed Breeding Platform market is projected to increase from US\$ million in 2026 to US\$ million by 2032, reflecting a CAGR of % over 2026–2032. Europe: the Strains Directed Breeding Platform market is projected to rise from US\$ million in 2026 to US\$ million by 2032, registering a CAGR of % over 2026–2032. Asia Pacific: the Strains Directed Breeding Platform market is expected to grow from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026–2032. Leading global service providers of Strains Directed Breeding Platform include Ginkgo Bioworks, Amyris, Twist Bioscience, Conagen, BOTA Bio, Codexis, Novozymes, SeSaM-Biotech GmbH and Creative Biolabs, among others; in 2025, the top three vendors together accounted for approximately % of global revenue.

Report Scope

This report quantifies the global Strains Directed Breeding Platform market in terms of revenue (US\$ million) and, where applicable, service volume (k units), using 2024 as the base year and providing annual historical and forecast data for 2021–2032.

It standardizes definitions of service Types and end-use Applications, harmonizes provider attribution, and delivers comparable time series by company, Type, Application, and region or country, including indicative price bands (US\$/k units) and concentration ratios (CR5/CR10). Outputs are intended to support service design, budgeting, capacity planning, and benchmarking for providers, platforms, channel partners, and investors; the report also reviews technology shifts and notable service innovations relevant to Strains Directed Breeding Platform.

Key Companies & Market Share Insights

This section profiles leading service providers with 2021–2025 results and a 2026–2032 outlook—covering revenue, market share, price bands, service portfolio and client mix, regional and channel mix, and key developments (M&A, network expansion, certifications). It also provides global revenue, average price, and—where applicable—volume metrics by provider, and calculates CR5/CR10 and rank changes to support comparative benchmarking.

Strains Directed Breeding Platform Market by Company

Ginkgo Bioworks

Amyris

Twist Bioscience

Conagen

BOTA Bio
Codexis
Novozymes
SeSaM-Biotech GmbH
Creative Biolabs
Allonnia
C16 Biosciences
SilicoLife

Strains Directed Breeding Platform Segment by Type

Traditional Breeding Platform
Gene Editing Platform
Synthetic Biology Platform
Others

Strains Directed Breeding Platform Segment by Application

Biomedicine
Agriculture
Food
Chemical Industry
Others

Strains Directed Breeding Platform Segment by Region

North America
United States
Canada
Mexico
Europe
Germany
France
U.K.
Italy
Spain
Russia
Netherlands
Nordic Countries
Asia-Pacific
China
Japan
South Korea
India
Australia
Taiwan
Southeast Asia
South America
Brazil
Argentina
Chile
Colombia

Middle East & Africa

Saudi Arabia

Israel

United Arab Emirates

Turkey

Iran

Egypt

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Strains Directed Breeding Platform market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Strains Directed Breeding Platform and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Strains Directed Breeding Platform.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1:

Research objectives, research methods, data sources, data cross-validation;

Chapter 2:

Introduces the report scope of the report, executive summary of different market segments (product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3:

Provides the analysis of various market segments product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 4:

Provides the analysis of various market segments application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 5:

Introduces executive summary of global market size, regional market size, this section also introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by companies in the industry, and the analysis of relevant policies in the industry.

Chapter 6:

Detailed analysis of Strains Directed Breeding Platform companies' competitive landscape, revenue market share, latest development plan, merger, and acquisition information, etc.

Chapter 7, 8, 9, 10, 11: North America, Europe, Asia Pacific, South America, Middle East and Africa segment by country. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 12:

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including revenue, gross margin, product introduction, recent development, etc.

Chapter 13:

The main points and conclusions of the report.

Table of Contents

1 Preface

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 Market Overview

- 2.1 Product Definition
- 2.2 Strains Directed Breeding Platform by Type
 - 2.2.1 Market Value Comparison by Type (2021 VS 2025 VS 2032)
 - 2.2.2 Traditional Breeding Platform
 - 2.2.3 Gene Editing Platform
 - 2.2.4 Synthetic Biology Platform
 - 2.2.5 Others
- 2.3 Strains Directed Breeding Platform by Application
 - 2.3.1 Market Value Comparison by Application (2021 VS 2025 VS 2032)
 - 2.3.2 Biomedicine
 - 2.3.3 Agriculture
 - 2.3.4 Food
 - 2.3.5 Chemical Industry
 - 2.3.6 Others
- 2.4 Assumptions and Limitations

3 Strains Directed Breeding Platform Breakdown Data by Type

- 3.1 Global Strains Directed Breeding Platform Historic Market Size by Type (2021-2026)
- 3.2 Global Strains Directed Breeding Platform Forecasted Market Size by Type (2027-2032)

4 Strains Directed Breeding Platform Breakdown Data by Application

- 4.1 Global Strains Directed Breeding Platform Historic Market Size by Application (2021-2026)
- 4.2 Global Strains Directed Breeding Platform Forecasted Market Size by Application (2027-2032)

5 Global Growth Trends

- 5.1 Global Strains Directed Breeding Platform Market Perspective (2021-2032)
- 5.2 Global Strains Directed Breeding Platform Growth Trends by Region
 - 5.2.1 Global Strains Directed Breeding Platform Market Size by Region: 2021 VS 2025 VS 2032
 - 5.2.2 Strains Directed Breeding Platform Historic Market Size by Region (2021-2026)
 - 5.2.3 Strains Directed Breeding Platform Forecasted Market Size by Region (2027-2032)
- 5.3 Strains Directed Breeding Platform Market Dynamics
 - 5.3.1 Strains Directed Breeding Platform Industry Trends
 - 5.3.2 Strains Directed Breeding Platform Market Drivers
 - 5.3.3 Strains Directed Breeding Platform Market Challenges
 - 5.3.4 Strains Directed Breeding Platform Market Restraints

6 Market Competitive Landscape by Players

6.1 Global Top Strains Directed Breeding Platform Players by Revenue

6.1.1 Global Top Strains Directed Breeding Platform Players by Revenue (2021-2026)

6.1.2 Global Strains Directed Breeding Platform Revenue Market Share by Players (2021-2026)

6.2 Global Strains Directed Breeding Platform Industry Players Ranking, 2023 VS 2024 VS 2025

6.3 Global Key Players of Strains Directed Breeding Platform Head Office and Area Served

6.4 Global Strains Directed Breeding Platform Players, Product Type & Application

6.5 Global Strains Directed Breeding Platform Manufacturers Established Date

6.6 Global Strains Directed Breeding Platform Market CR5 and HHI

6.7 Global Players Mergers & Acquisition

7 North America

7.1 North America Strains Directed Breeding Platform Market Size (2021-2032)

7.2 North America Strains Directed Breeding Platform Market Growth Rate by Country: 2021 VS 2025 VS 2032

7.3 North America Strains Directed Breeding Platform Market Size by Country (2021-2026)

7.4 North America Strains Directed Breeding Platform Market Size by Country (2027-2032)

7.5 United States

7.5 United States

7.6 Canada

7.7 Mexico

8 Europe

8.1 Europe Strains Directed Breeding Platform Market Size (2021-2032)

8.2 Europe Strains Directed Breeding Platform Market Growth Rate by Country: 2021 VS 2025 VS 2032

8.3 Europe Strains Directed Breeding Platform Market Size by Country (2021-2026)

8.4 Europe Strains Directed Breeding Platform Market Size by Country (2027-2032)

8.5 Germany

8.6 France

8.7 U.K.

8.8 Italy

8.9 Spain

8.10 Russia

8.11 Netherlands

8.12 Nordic Countries

9 Asia-Pacific

9.1 Asia-Pacific Strains Directed Breeding Platform Market Size (2021-2032)

9.2 Asia-Pacific Strains Directed Breeding Platform Market Growth Rate by Country: 2021 VS 2025 VS 2032

9.3 Asia-Pacific Strains Directed Breeding Platform Market Size by Country (2021-2026)

9.4 Asia-Pacific Strains Directed Breeding Platform Market Size by Country (2027-2032)

9.5 China

9.6 Japan

9.7 South Korea

9.8 India

9.9 Australia

9.10 China Taiwan

9.11 Southeast Asia

10 South America

10.1 South America Strains Directed Breeding Platform Market Size (2021-2032)

10.2 South America Strains Directed Breeding Platform Market Growth Rate by Country: 2021 VS 2025 VS 2032

10.3 South America Strains Directed Breeding Platform Market Size by Country (2021-2026)

10.4 South America Strains Directed Breeding Platform Market Size by Country (2027-2032)

10.5 Brazil

10.6 Argentina

10.7 Chile

10.8 Colombia

10.9 Peru

11 Middle East & Africa

11.1 Middle East & Africa Strains Directed Breeding Platform Market Size (2021-2032)

11.2 Middle East & Africa Strains Directed Breeding Platform Market Growth Rate by Country: 2021 VS 2025 VS 2032

11.3 Middle East & Africa Strains Directed Breeding Platform Market Size by Country (2021-2026)

11.4 Middle East & Africa Strains Directed Breeding Platform Market Size by Country (2027-2032)

11.5 Saudi Arabia

11.6 Israel

11.7 United Arab Emirates

11.8 Turkey

11.9 Iran

11.10 Egypt

12 Players Profiled

12.1 Ginkgo Bioworks

12.1.1 Ginkgo Bioworks Company Information

12.1.2 Ginkgo Bioworks Business Overview

12.1.3 Ginkgo Bioworks Revenue in Strains Directed Breeding Platform Business (2021-2026)

12.1.4 Ginkgo Bioworks Strains Directed Breeding Platform Product Portfolio

12.1.5 Ginkgo Bioworks Recent Developments

12.2 Amyris

12.2.1 Amyris Company Information

12.2.2 Amyris Business Overview

12.2.3 Amyris Revenue in Strains Directed Breeding Platform Business (2021-2026)

12.2.4 Amyris Strains Directed Breeding Platform Product Portfolio

12.2.5 Amyris Recent Developments

12.3 Twist Bioscience

12.3.1 Twist Bioscience Company Information

12.3.2 Twist Bioscience Business Overview

12.3.3 Twist Bioscience Revenue in Strains Directed Breeding Platform Business (2021-2026)

12.3.4 Twist Bioscience Strains Directed Breeding Platform Product Portfolio

12.3.5 Twist Bioscience Recent Developments

12.4 Conagen

12.4.1 Conagen Company Information

12.4.2 Conagen Business Overview

12.4.3 Conagen Revenue in Strains Directed Breeding Platform Business (2021-2026)

12.4.4 Conagen Strains Directed Breeding Platform Product Portfolio

12.4.5 Conagen Recent Developments

12.5 BOTA Bio

12.5.1 BOTA Bio Company Information

12.5.2 BOTA Bio Business Overview

12.5.3 BOTA Bio Revenue in Strains Directed Breeding Platform Business (2021-2026)

12.5.4 BOTA Bio Strains Directed Breeding Platform Product Portfolio

12.5.5 BOTA Bio Recent Developments

12.6 Codexis

12.6.1 Codexis Company Information

12.6.2 Codexis Business Overview

12.6.3 Codexis Revenue in Strains Directed Breeding Platform Business (2021-2026)

12.6.4 Codexis Strains Directed Breeding Platform Product Portfolio

12.6.5 Codexis Recent Developments

12.7 Novozymes

12.7.1 Novozymes Company Information

12.7.2 Novozymes Business Overview

12.7.3 Novozymes Revenue in Strains Directed Breeding Platform Business (2021-2026)

12.7.4 Novozymes Strains Directed Breeding Platform Product Portfolio

12.7.5 Novozymes Recent Developments

12.8 SeSaM-Biotech GmbH

12.8.1 SeSaM-Biotech GmbH Company Information

12.8.2 SeSaM-Biotech GmbH Business Overview

12.8.3 SeSaM-Biotech GmbH Revenue in Strains Directed Breeding Platform Business (2021-2026)

12.8.4 SeSaM-Biotech GmbH Strains Directed Breeding Platform Product Portfolio

12.8.5 SeSaM-Biotech GmbH Recent Developments

12.9 Creative Biolabs

12.9.1 Creative Biolabs Company Information

12.9.2 Creative Biolabs Business Overview

12.9.3 Creative Biolabs Revenue in Strains Directed Breeding Platform Business (2021-2026)

12.9.4 Creative Biolabs Strains Directed Breeding Platform Product Portfolio

12.9.5 Creative Biolabs Recent Developments

12.10 Allonnia

12.10.1 Allonnia Company Information

12.10.2 Allonnia Business Overview

12.10.3 Allonnia Revenue in Strains Directed Breeding Platform Business (2021-2026)

12.10.4 Allonnia Strains Directed Breeding Platform Product Portfolio

12.10.5 Allonnia Recent Developments

12.11 C16 Biosciences

12.11.1 C16 Biosciences Company Information

12.11.2 C16 Biosciences Business Overview

12.11.3 C16 Biosciences Revenue in Strains Directed Breeding Platform Business (2021-2026)

12.11.4 C16 Biosciences Strains Directed Breeding Platform Product Portfolio

12.11.5 C16 Biosciences Recent Developments

12.12 SilicoLife

12.12.1 SilicoLife Company Information

12.12.2 SilicoLife Business Overview

12.12.3 SilicoLife Revenue in Strains Directed Breeding Platform Business (2021-2026)

12.12.4 SilicoLife Strains Directed Breeding Platform Product Portfolio

12.12.5 SilicoLife Recent Developments

13 Report Conclusion

14 Disclaimer

List of Tables and Figures

List of Tables:

- Table 1: Secondary Sources
- Table 2: Primary Sources
- Table 3: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 4: Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 5: Global Strains Directed Breeding Platform Market Size by Type (2021-2026) & (US\$ Million)
- Table 6: Global Strains Directed Breeding Platform Revenue Market Share by Type (2021-2026)
- Table 7: Global Strains Directed Breeding Platform Forecasted Market Size by Type (2027-2032) & (US\$ Million)
- Table 8: Global Strains Directed Breeding Platform Revenue Market Share by Type (2027-2032)
- Table 9: Global Strains Directed Breeding Platform Market Size by Application (2021-2026) & (US\$ Million)
- Table 10: Global Strains Directed Breeding Platform Revenue Market Share by Application (2021-2026)
- Table 11: Global Strains Directed Breeding Platform Forecasted Market Size by Application (2027-2032) & (US\$ Million)
- Table 12: Global Strains Directed Breeding Platform Revenue Market Share by Application (2027-2032)
- Table 13: Global Strains Directed Breeding Platform Market Size by Region (US\$ Million): 2021 VS 2025 VS 2032
- Table 14: Global Strains Directed Breeding Platform Market Size by Region (2021-2026) & (US\$ Million)
- Table 15: Global Strains Directed Breeding Platform Market Share by Region (2021-2026)
- Table 16: Global Strains Directed Breeding Platform Forecasted Market Size by Region (2027-2032) & (US\$ Million)
- Table 17: Global Strains Directed Breeding Platform Market Share by Region (2027-2032)
- Table 18: Strains Directed Breeding Platform Industry Trends
- Table 19: Strains Directed Breeding Platform Industry Drivers
- Table 20: Strains Directed Breeding Platform Industry Opportunities and Challenges
- Table 21: Strains Directed Breeding Platform Market Restraints
- Table 22: Global Top Strains Directed Breeding Platform Players by Revenue (US\$ Million) & (2021-2026)
- Table 23: Global Strains Directed Breeding Platform Revenue Market Share by Players (2021-2026)
- Table 24: Global Strains Directed Breeding Platform Industry Players Ranking, 2024 VS 2025 VS 2026
- Table 25: Global Key Players of Strains Directed Breeding Platform, Headquarters and Area Served
- Table 26: Global Strains Directed Breeding Platform Players, Product Type & Application
- Table 27: Global Players Market Concentration Ratio (CR5 and HHI)
- Table 28: Global Strains Directed Breeding Platform by Players Type (Tier 1, Tier 2, and Tier 3) & (Based on the Revenue of 2025)
- Table 29: Players Mergers & Acquisitions, Expansion Plans
- Table 30: North America Strains Directed Breeding Platform Market Growth Rate by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 31: North America Strains Directed Breeding Platform Market Size by Country (2021-2026) & (US\$ Million)
- Table 32: North America Strains Directed Breeding Platform Market Size by Country (2027-2032) & (US\$ Million)
- Table 33: Europe Strains Directed Breeding Platform Market Growth Rate by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 34: Europe Strains Directed Breeding Platform Market Size by Country (2021-2026) & (US\$ Million)
- Table 35: Europe Strains Directed Breeding Platform Market Size by Country (2027-2032) & (US\$ Million)
- Table 36: Asia Pacific Strains Directed Breeding Platform Market Growth Rate by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 37: Asia Pacific Strains Directed Breeding Platform Market Size by Region (2021-2026) & (US\$ Million)
- Table 38: Asia Pacific Strains Directed Breeding Platform Market Size by Country (2027-2032) & (US\$ Million)
- Table 39: South America Strains Directed Breeding Platform Market Growth Rate by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 40: South America Strains Directed Breeding Platform Market Size by Country (2021-2026) & (US\$ Million)
- Table 41: South America Strains Directed Breeding Platform Market Size by Country (2027-2032) & (US\$ Million)
- Table 42: Middle East & Africa Strains Directed Breeding Platform Market Growth Rate by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 43: Middle East & Africa Strains Directed Breeding Platform Market Size by Country (2021-2026) & (US\$ Million)
- Table 44: Middle East & Africa Strains Directed Breeding Platform Market Size by Country (2027-2032) & (US\$ Million)
- Table 45: Ginkgo Bioworks Company Information
- Table 46: Ginkgo Bioworks Business Overview
- Table 47: Ginkgo Bioworks Revenue in Strains Directed Breeding Platform Business (2021-2026) & (US\$ Million)
- Table 48: Ginkgo Bioworks Strains Directed Breeding Platform Product Portfolio
- Table 49: Ginkgo Bioworks Recent Developments
- Table 50: Amyris Company Information

- Table 51: Amyris Business Overview
- Table 52: Amyris Revenue in Strains Directed Breeding Platform Business (2021-2026) & (US\$ Million)
- Table 53: Amyris Strains Directed Breeding Platform Product Portfolio
- Table 54: Amyris Recent Developments
- Table 55: Twist Bioscience Company Information
- Table 56: Twist Bioscience Business Overview
- Table 57: Twist Bioscience Revenue in Strains Directed Breeding Platform Business (2021-2026) & (US\$ Million)
- Table 58: Twist Bioscience Strains Directed Breeding Platform Product Portfolio
- Table 59: Twist Bioscience Recent Developments
- Table 60: Conagen Company Information
- Table 61: Conagen Business Overview
- Table 62: Conagen Revenue in Strains Directed Breeding Platform Business (2021-2026) & (US\$ Million)
- Table 63: Conagen Strains Directed Breeding Platform Product Portfolio
- Table 64: Conagen Recent Developments
- Table 65: BOTA Bio Company Information
- Table 66: BOTA Bio Business Overview
- Table 67: BOTA Bio Revenue in Strains Directed Breeding Platform Business (2021-2026) & (US\$ Million)
- Table 68: BOTA Bio Strains Directed Breeding Platform Product Portfolio
- Table 69: BOTA Bio Recent Developments
- Table 70: Codexis Company Information
- Table 71: Codexis Business Overview
- Table 72: Codexis Revenue in Strains Directed Breeding Platform Business (2021-2026) & (US\$ Million)
- Table 73: Codexis Strains Directed Breeding Platform Product Portfolio
- Table 74: Codexis Recent Developments
- Table 75: Novozymes Company Information
- Table 76: Novozymes Business Overview
- Table 77: Novozymes Revenue in Strains Directed Breeding Platform Business (2021-2026) & (US\$ Million)
- Table 78: Novozymes Strains Directed Breeding Platform Product Portfolio
- Table 79: Novozymes Recent Developments
- Table 80: SeSaM-Biotech GmbH Company Information
- Table 81: SeSaM-Biotech GmbH Business Overview
- Table 82: SeSaM-Biotech GmbH Revenue in Strains Directed Breeding Platform Business (2021-2026) & (US\$ Million)
- Table 83: SeSaM-Biotech GmbH Strains Directed Breeding Platform Product Portfolio
- Table 84: SeSaM-Biotech GmbH Recent Developments
- Table 85: Creative Biolabs Company Information
- Table 86: Creative Biolabs Business Overview
- Table 87: Creative Biolabs Revenue in Strains Directed Breeding Platform Business (2021-2026) & (US\$ Million)
- Table 88: Creative Biolabs Strains Directed Breeding Platform Product Portfolio
- Table 89: Creative Biolabs Recent Developments
- Table 90: Allonnia Company Information
- Table 91: Allonnia Business Overview
- Table 92: Allonnia Revenue in Strains Directed Breeding Platform Business (2021-2026) & (US\$ Million)
- Table 93: Allonnia Strains Directed Breeding Platform Product Portfolio
- Table 94: Allonnia Recent Developments
- Table 95: C16 Biosciences Company Information
- Table 96: C16 Biosciences Business Overview
- Table 97: C16 Biosciences Revenue in Strains Directed Breeding Platform Business (2021-2026) & (US\$ Million)
- Table 98: C16 Biosciences Strains Directed Breeding Platform Product Portfolio
- Table 99: C16 Biosciences Recent Developments
- Table 100: SilicoLife Company Information
- Table 101: SilicoLife Business Overview
- Table 102: SilicoLife Revenue in Strains Directed Breeding Platform Business (2021-2026) & (US\$ Million)
- Table 103: SilicoLife Strains Directed Breeding Platform Product Portfolio
- Table 104: SilicoLife Recent Developments
- Table 105: Authors List of This Report

List of Figures:

- Figure 1: Research Methodology
- Figure 2: Research Process
- Figure 3: Key Executives Interviewed
- Figure 4: Strains Directed Breeding Platform Product Image
- Figure 5: Global Strains Directed Breeding Platform Market Size Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)

- Figure 6: Global Strains Directed Breeding Platform Market Share by Type: 2025 VS 2032
- Figure 7: Traditional Breeding Platform Product
- Figure 8: Gene Editing Platform Product
- Figure 9: Synthetic Biology Platform Product
- Figure 10: Others Product
- Figure 11: Global Strains Directed Breeding Platform Market Size by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Figure 12: Global Strains Directed Breeding Platform Market Share by Application: 2025 VS 2032
- Figure 13: Biomedicine Product
- Figure 14: Agriculture Product
- Figure 15: Food Product
- Figure 16: Chemical Industry Product
- Figure 17: Others Product
- Figure 18: Global Strains Directed Breeding Platform Market Size (US\$ Million), Year-over-Year: 2021-2032
- Figure 19: Global Strains Directed Breeding Platform Market Size, (US\$ Million), 2021 VS 2025 VS 2032
- Figure 20: Global Strains Directed Breeding Platform Market Share by Region: 2025 VS 2032
- Figure 21: Global Strains Directed Breeding Platform Market Share by Players in 2025
- Figure 22: Global Strains Directed Breeding Platform Manufacturers Established Date
- Figure 23: Global Top 5 and 10 Strains Directed Breeding Platform Players Market Share by Revenue in 2025
- Figure 24: Players Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 25: North America Strains Directed Breeding Platform Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 26: North America Strains Directed Breeding Platform Market Share by Country (2021-2032)
- Figure 27: United States Strains Directed Breeding Platform Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 28: Canada Strains Directed Breeding Platform Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 29: Mexico Strains Directed Breeding Platform Market Share by Country (2021-2032)
- Figure 30: Europe Strains Directed Breeding Platform Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 31: Europe Strains Directed Breeding Platform Market Share by Country (2021-2032)
- Figure 32: Germany Strains Directed Breeding Platform Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 33: France Strains Directed Breeding Platform Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 34: U.K. Strains Directed Breeding Platform Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 35: Italy Strains Directed Breeding Platform Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 36: Spain Strains Directed Breeding Platform Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 37: Russia Strains Directed Breeding Platform Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 38: Netherlands Strains Directed Breeding Platform Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 39: Nordic Countries Strains Directed Breeding Platform Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 40: Asia-Pacific Strains Directed Breeding Platform Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 41: Asia-Pacific Strains Directed Breeding Platform Market Share by Country (2021-2032)
- Figure 42: China Strains Directed Breeding Platform Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 43: Japan Strains Directed Breeding Platform Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 44: South Korea Strains Directed Breeding Platform Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 45: India Strains Directed Breeding Platform Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 46: India Strains Directed Breeding Platform Market Share by Country (2021-2032)
- Figure 47: Australia Strains Directed Breeding Platform Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 48: China Taiwan Strains Directed Breeding Platform Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 49: Southeast Asia Strains Directed Breeding Platform Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 50: South America Strains Directed Breeding Platform Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 51: South America Strains Directed Breeding Platform Market Share by Country (2021-2032)
- Figure 52: Brazil Strains Directed Breeding Platform Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 53: Argentina Strains Directed Breeding Platform Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 54: Chile Strains Directed Breeding Platform Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 55: Colombia Strains Directed Breeding Platform Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 56: Peru Strains Directed Breeding Platform Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 57: Ginkgo Bioworks Revenue Growth Rate in Strains Directed Breeding Platform Business (2021-2026)
- Figure 58: Amyris Revenue Growth Rate in Strains Directed Breeding Platform Business (2021-2026)
- Figure 59: Twist Bioscience Revenue Growth Rate in Strains Directed Breeding Platform Business (2021-2026)
- Figure 60: Conagen Revenue Growth Rate in Strains Directed Breeding Platform Business (2021-2026)
- Figure 61: BOTA Bio Revenue Growth Rate in Strains Directed Breeding Platform Business (2021-2026)
- Figure 62: Codexis Revenue Growth Rate in Strains Directed Breeding Platform Business (2021-2026)
- Figure 63: Novozymes Revenue Growth Rate in Strains Directed Breeding Platform Business (2021-2026)
- Figure 64: SeSaM-Biotech GmbH Revenue Growth Rate in Strains Directed Breeding Platform Business (2021-2026)
- Figure 65: Creative Biolabs Revenue Growth Rate in Strains Directed Breeding Platform Business (2021-2026)
- Figure 66: Allonnia Revenue Growth Rate in Strains Directed Breeding Platform Business (2021-2026)
- Figure 67: C16 Biosciences Revenue Growth Rate in Strains Directed Breeding Platform Business (2021-2026)
- Figure 68: SilicoLife Revenue Growth Rate in Strains Directed Breeding Platform Business (2021-2026)

