

Global T Cell Persistence Engineering Platform Market Growth (Status and Outlook) 2026-2032

<https://marketpublishers.com/r/GB2E995F9A62EN.html>

Date: October 2026

Pages: 138

Price: US\$ 3,660.00 (Single User License)

ID: GB2E995F9A62EN

Abstracts

The global T Cell Persistence Engineering Platform market size is predicted to grow from US\$ 607 million in 2025 to US\$ 2008 million in 2032; it is expected to grow at a CAGR of 18.7% from 2026 to 2032.

A T Cell Persistence Engineering Platform is an integrated technology system for cell therapy development. It combines genome editing, epigenetic reprogramming, metabolic control, receptor and signaling circuit optimization, cytokine support, and culture process design to improve expansion, self-renewal, resistance to exhaustion, and long-term effector function in CAR-T, TCR-T, and TIL products. Platforms are commonly delivered through technology licensing, joint development, or engineering services, and are evaluated by memory and stemness phenotype, exhaustion markers, sustained expansion, in vivo persistence, antitumor potency, editing safety, and process scalability. The blended gross margin is approximately 65%.

Demand is being driven by the expansion of cell therapies from hematologic malignancies into solid tumors, autoimmune diseases, and other chronic conditions. Relapse, antigen escape, T cell exhaustion, and host rejection of allogeneic cells remain major constraints on durable efficacy, encouraging pharmaceutical and cell therapy developers to introduce persistence engineering early and to include in vivo expansion, long-term persistence, and memory phenotype in developability assessments.

The technology is moving from single gene knockouts or single cytokine payloads toward stackable, multimodule engineering that combines exhaustion resistance, epigenetic reprogramming, metabolic optimization, receptor signaling control, immune evasion, and regulated cytokine circuits. The supplier base consists mainly of specialist

cell therapy platform companies, genome-editing firms, and service providers with process-development capabilities. Technology licensing, joint development, and integrated development and manufacturing will coexist, while standardized functional assays and scalable manufacturing processes will carry greater weight in procurement decisions.

North America leads in platform density, clinical translation, and large partnerships, Europe has strong foundations in TCR engineering and genome editing, and Asia is being supported by local CAR-T pipeline expansion and commercialization demand. The main opportunities are in off-the-shelf allogeneic, iPSC-derived, and in vivo-generated T cell platforms, particularly combinations that address persistence, safety, and manufacturing efficiency together. Key risks include limited translation from preclinical results, excessive activation or long-term genomic risk, batch consistency, intellectual-property boundaries, and evolving regulatory expectations.

Report Scope

LPI (LP Information)' newest research report, the "T Cell Persistence Engineering Platform Industry Forecast" looks at past sales and reviews total world T Cell Persistence Engineering Platform sales in 2025, providing a comprehensive analysis by region and market sector of projected T Cell Persistence Engineering Platform sales for 2026 through 2032. With T Cell Persistence Engineering Platform sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world T Cell Persistence Engineering Platform industry.

This Insight Report provides a comprehensive analysis of the global T Cell Persistence Engineering Platform landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyses the strategies of leading global companies with a focus on T Cell Persistence Engineering Platform portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global T Cell Persistence Engineering Platform market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for T Cell Persistence Engineering Platform and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced

view of the current state and future trajectory in the global T Cell Persistence Engineering Platform.

This report presents a comprehensive overview, market shares, and growth opportunities of T Cell Persistence Engineering Platform market by product type, application, key players and key regions and countries.

Segmentation by Type:

Memory and Stemness Preservation

Exhaustion Resistance

Metabolic Reprogramming

Cytokine Support

Tumor Microenvironment Adaptation

Multimechanism Integration

Segmentation by Engineering Modality:

Genome Editing

Transcriptional and Epigenetic Reprogramming

Receptor and Signaling Circuit Engineering

Cytokine and Secretory Circuit Engineering

Metabolic and Culture Process Engineering

Multimodal Engineering

Segmentation by Delivery Model:

Nonexclusive Platform Access

Exclusive Technology Licensing

Joint Research and Development

Fee-for-Service Engineering

Integrated Development and Manufacturing

Segmentation by T Cell Source:

Autologous T Cells

Donor-Derived Allogeneic T Cells

iPSC-Derived T Cells

In Vivo-Generated T Cells

Mixed-Source Platforms

Segmentation by Application:

Hematologic Malignancies

Solid Tumors

Autoimmune Diseases

Infectious Diseases

Transplantation and Immune Reconstitution

Other Research Applications

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Roche

Autolus Therapeutics

CRISPR Therapeutics

Cellectis

Allogene Therapeutics

Legend Biotech

Adaptimmune Therapeutics

Immatics

Lyell Immunopharma

Caribou Biosciences

ArsenalBio

Century Therapeutics

Senti Biosciences

Obsidian Therapeutics

Umoja Biopharma

Eureka Therapeutics

Noile-Immune Biotech

KSQ Therapeutics

Precision BioSciences

Atara Biotherapeutics

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview

- 2.1.1 Global T Cell Persistence Engineering Platform Market Size (2021-2032)
- 2.1.2 T Cell Persistence Engineering Platform Market Size CAGR by Region (2021 VS 2025 VS 2032)

2.1.3 World Current & Future Analysis for T Cell Persistence Engineering Platform by Country/Region (2021, 2025 & 2032)

2.2 T Cell Persistence Engineering Platform Segment by Type

- 2.2.1 Memory and Stemness Preservation
- 2.2.2 Exhaustion Resistance
- 2.2.3 Metabolic Reprogramming
- 2.2.4 Cytokine Support
- 2.2.5 Tumor Microenvironment Adaptation
- 2.2.6 Multimechanism Integration
- 2.2.7 T Cell Persistence Engineering Platform Market Size by Type
 - 2.2.7.1 T Cell Persistence Engineering Platform Market Size CAGR by Type (2021 VS 2025 VS 2032)

2.2.7.2 Global T Cell Persistence Engineering Platform Market Size Market Share by Type (2021-2026)

2.3 T Cell Persistence Engineering Platform Segment by Engineering Modality

- 2.3.1 Genome Editing
- 2.3.2 Transcriptional and Epigenetic Reprogramming
- 2.3.3 Receptor and Signaling Circuit Engineering
- 2.3.4 Cytokine and Secretory Circuit Engineering
- 2.3.5 Metabolic and Culture Process Engineering

2.3.6 Multimodal Engineering

2.3.7 T Cell Persistence Engineering Platform Market Size by Engineering Modality

2.3.7.1 T Cell Persistence Engineering Platform Market Size CAGR by Engineering Modality (2021 VS 2025 VS 2032)

2.3.7.2 Global T Cell Persistence Engineering Platform Market Size Market Share by Engineering Modality (2021-2026)

2.4 T Cell Persistence Engineering Platform Segment by Delivery Model

2.4.1 Nonexclusive Platform Access

2.4.2 Exclusive Technology Licensing

2.4.3 Joint Research and Development

2.4.4 Fee-for-Service Engineering

2.4.5 Integrated Development and Manufacturing

2.4.6 T Cell Persistence Engineering Platform Market Size by Delivery Model

2.4.6.1 T Cell Persistence Engineering Platform Market Size CAGR by Delivery Model (2021 VS 2025 VS 2032)

2.4.6.2 Global T Cell Persistence Engineering Platform Market Size Market Share by Delivery Model (2021-2026)

2.5 T Cell Persistence Engineering Platform Segment by T Cell Source

2.5.1 Autologous T Cells

2.5.2 Donor-Derived Allogeneic T Cells

2.5.3 iPSC-Derived T Cells

2.5.4 In Vivo-Generated T Cells

2.5.5 Mixed-Source Platforms

2.5.6 T Cell Persistence Engineering Platform Market Size by T Cell Source

2.5.6.1 T Cell Persistence Engineering Platform Market Size CAGR by T Cell Source (2021 VS 2025 VS 2032)

2.5.6.2 Global T Cell Persistence Engineering Platform Market Size Market Share by T Cell Source (2021-2026)

2.6 T Cell Persistence Engineering Platform Segment by Application

2.6.1 Hematologic Malignancies

2.6.2 Solid Tumors

2.6.3 Autoimmune Diseases

2.6.4 Infectious Diseases

2.6.5 Transplantation and Immune Reconstitution

2.6.6 Other Research Applications

2.6.7 T Cell Persistence Engineering Platform Market Size by Application

2.6.7.1 T Cell Persistence Engineering Platform Market Size CAGR by Application (2021 VS 2025 VS 2032)

2.6.7.2 Global T Cell Persistence Engineering Platform Market Size Market Share by

Application (2021-2026)

3 T CELL PERSISTENCE ENGINEERING PLATFORM MARKET SIZE BY PLAYER

3.1 T Cell Persistence Engineering Platform Market Size Market Share by Player

3.1.1 Global T Cell Persistence Engineering Platform Revenue by Player (2021-2026)

3.1.2 Global T Cell Persistence Engineering Platform Revenue Market Share by Player (2021-2026)

3.2 Global T Cell Persistence Engineering Platform Key Players Head office and Products Offered

3.3 Market Concentration Rate Analysis

3.3.1 Competition Landscape Analysis

3.3.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.4 New Products and Potential Entrants

3.5 Mergers & Acquisitions, Expansion

4 T CELL PERSISTENCE ENGINEERING PLATFORM BY REGION

4.1 T Cell Persistence Engineering Platform Market Size by Region (2021-2026)

4.2 Global T Cell Persistence Engineering Platform Annual Revenue by Country/Region (2021-2026)

4.3 Americas T Cell Persistence Engineering Platform Market Size Growth (2021-2026)

4.4 APAC T Cell Persistence Engineering Platform Market Size Growth (2021-2026)

4.5 Europe T Cell Persistence Engineering Platform Market Size Growth (2021-2026)

4.6 Middle East & Africa T Cell Persistence Engineering Platform Market Size Growth (2021-2026)

5 AMERICAS

5.1 Americas T Cell Persistence Engineering Platform Market Size by Country (2021-2026)

5.2 Americas T Cell Persistence Engineering Platform Market Size by Type (2021-2026)

5.3 Americas T Cell Persistence Engineering Platform Market Size by Application (2021-2026)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC T Cell Persistence Engineering Platform Market Size by Region (2021-2026)

6.2 APAC T Cell Persistence Engineering Platform Market Size by Type (2021-2026)

6.3 APAC T Cell Persistence Engineering Platform Market Size by Application
(2021-2026)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

7 EUROPE

7.1 Europe T Cell Persistence Engineering Platform Market Size by Country
(2021-2026)

7.2 Europe T Cell Persistence Engineering Platform Market Size by Type (2021-2026)

7.3 Europe T Cell Persistence Engineering Platform Market Size by Application
(2021-2026)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa T Cell Persistence Engineering Platform by Region
(2021-2026)

8.2 Middle East & Africa T Cell Persistence Engineering Platform Market Size by Type
(2021-2026)

8.3 Middle East & Africa T Cell Persistence Engineering Platform Market Size by
Application (2021-2026)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 GLOBAL T CELL PERSISTENCE ENGINEERING PLATFORM MARKET FORECAST

10.1 Global T Cell Persistence Engineering Platform Forecast by Region (2027-2032)

10.1.1 Global T Cell Persistence Engineering Platform Forecast by Region (2027-2032)

10.1.2 Americas T Cell Persistence Engineering Platform Forecast

10.1.3 APAC T Cell Persistence Engineering Platform Forecast

10.1.4 Europe T Cell Persistence Engineering Platform Forecast

10.1.5 Middle East & Africa T Cell Persistence Engineering Platform Forecast

10.2 Americas T Cell Persistence Engineering Platform Forecast by Country (2027-2032)

10.2.1 United States Market T Cell Persistence Engineering Platform Forecast

10.2.2 Canada Market T Cell Persistence Engineering Platform Forecast

10.2.3 Mexico Market T Cell Persistence Engineering Platform Forecast

10.2.4 Brazil Market T Cell Persistence Engineering Platform Forecast

10.3 APAC T Cell Persistence Engineering Platform Forecast by Region (2027-2032)

10.3.1 China T Cell Persistence Engineering Platform Market Forecast

10.3.2 Japan Market T Cell Persistence Engineering Platform Forecast

10.3.3 Korea Market T Cell Persistence Engineering Platform Forecast

10.3.4 Southeast Asia Market T Cell Persistence Engineering Platform Forecast

10.3.5 India Market T Cell Persistence Engineering Platform Forecast

10.3.6 Australia Market T Cell Persistence Engineering Platform Forecast

10.4 Europe T Cell Persistence Engineering Platform Forecast by Country (2027-2032)

10.4.1 Germany Market T Cell Persistence Engineering Platform Forecast

10.4.2 France Market T Cell Persistence Engineering Platform Forecast

10.4.3 UK Market T Cell Persistence Engineering Platform Forecast

10.4.4 Italy Market T Cell Persistence Engineering Platform Forecast

10.4.5 Russia Market T Cell Persistence Engineering Platform Forecast

10.5 Middle East & Africa T Cell Persistence Engineering Platform Forecast by Region (2027-2032)

10.5.1 Egypt Market T Cell Persistence Engineering Platform Forecast

- 10.5.2 South Africa Market T Cell Persistence Engineering Platform Forecast
- 10.5.3 Israel Market T Cell Persistence Engineering Platform Forecast
- 10.5.4 Turkey Market T Cell Persistence Engineering Platform Forecast
- 10.6 Global T Cell Persistence Engineering Platform Forecast by Type (2027-2032)
- 10.7 Global T Cell Persistence Engineering Platform Forecast by Application (2027-2032)
 - 10.7.1 GCC Countries Market T Cell Persistence Engineering Platform Forecast

11 KEY PLAYERS ANALYSIS

11.1 Roche

- 11.1.1 Roche Company Information
- 11.1.2 Roche T Cell Persistence Engineering Platform Product Offered
- 11.1.3 Roche T Cell Persistence Engineering Platform Revenue, Gross Margin and Market Share (2021-2026)
- 11.1.4 Roche Main Business Overview
- 11.1.5 Roche Latest Developments

11.2 Autolus Therapeutics

- 11.2.1 Autolus Therapeutics Company Information
- 11.2.2 Autolus Therapeutics T Cell Persistence Engineering Platform Product Offered
- 11.2.3 Autolus Therapeutics T Cell Persistence Engineering Platform Revenue, Gross Margin and Market Share (2021-2026)
- 11.2.4 Autolus Therapeutics Main Business Overview
- 11.2.5 Autolus Therapeutics Latest Developments

11.3 CRISPR Therapeutics

- 11.3.1 CRISPR Therapeutics Company Information
- 11.3.2 CRISPR Therapeutics T Cell Persistence Engineering Platform Product Offered
- 11.3.3 CRISPR Therapeutics T Cell Persistence Engineering Platform Revenue, Gross Margin and Market Share (2021-2026)
- 11.3.4 CRISPR Therapeutics Main Business Overview
- 11.3.5 CRISPR Therapeutics Latest Developments

11.4 Collectis

- 11.4.1 Collectis Company Information
- 11.4.2 Collectis T Cell Persistence Engineering Platform Product Offered
- 11.4.3 Collectis T Cell Persistence Engineering Platform Revenue, Gross Margin and Market Share (2021-2026)
- 11.4.4 Collectis Main Business Overview
- 11.4.5 Collectis Latest Developments

11.5 Allogene Therapeutics

- 11.5.1 Allogene Therapeutics Company Information
- 11.5.2 Allogene Therapeutics T Cell Persistence Engineering Platform Product Offered
- 11.5.3 Allogene Therapeutics T Cell Persistence Engineering Platform Revenue, Gross Margin and Market Share (2021-2026)
- 11.5.4 Allogene Therapeutics Main Business Overview
- 11.5.5 Allogene Therapeutics Latest Developments
- 11.6 Legend Biotech
 - 11.6.1 Legend Biotech Company Information
 - 11.6.2 Legend Biotech T Cell Persistence Engineering Platform Product Offered
 - 11.6.3 Legend Biotech T Cell Persistence Engineering Platform Revenue, Gross Margin and Market Share (2021-2026)
 - 11.6.4 Legend Biotech Main Business Overview
 - 11.6.5 Legend Biotech Latest Developments
- 11.7 Adaptimmune Therapeutics
 - 11.7.1 Adaptimmune Therapeutics Company Information
 - 11.7.2 Adaptimmune Therapeutics T Cell Persistence Engineering Platform Product Offered
 - 11.7.3 Adaptimmune Therapeutics T Cell Persistence Engineering Platform Revenue, Gross Margin and Market Share (2021-2026)
 - 11.7.4 Adaptimmune Therapeutics Main Business Overview
 - 11.7.5 Adaptimmune Therapeutics Latest Developments
- 11.8 Immatics
 - 11.8.1 Immatics Company Information
 - 11.8.2 Immatics T Cell Persistence Engineering Platform Product Offered
 - 11.8.3 Immatics T Cell Persistence Engineering Platform Revenue, Gross Margin and Market Share (2021-2026)
 - 11.8.4 Immatics Main Business Overview
 - 11.8.5 Immatics Latest Developments
- 11.9 Lyell Immunopharma
 - 11.9.1 Lyell Immunopharma Company Information
 - 11.9.2 Lyell Immunopharma T Cell Persistence Engineering Platform Product Offered
 - 11.9.3 Lyell Immunopharma T Cell Persistence Engineering Platform Revenue, Gross Margin and Market Share (2021-2026)
 - 11.9.4 Lyell Immunopharma Main Business Overview
 - 11.9.5 Lyell Immunopharma Latest Developments
- 11.10 Caribou Biosciences
 - 11.10.1 Caribou Biosciences Company Information
 - 11.10.2 Caribou Biosciences T Cell Persistence Engineering Platform Product Offered
 - 11.10.3 Caribou Biosciences T Cell Persistence Engineering Platform Revenue, Gross

Margin and Market Share (2021-2026)

11.10.4 Caribou Biosciences Main Business Overview

11.10.5 Caribou Biosciences Latest Developments

11.11 ArsenalBio

11.11.1 ArsenalBio Company Information

11.11.2 ArsenalBio T Cell Persistence Engineering Platform Product Offered

11.11.3 ArsenalBio T Cell Persistence Engineering Platform Revenue, Gross Margin and Market Share (2021-2026)

11.11.4 ArsenalBio Main Business Overview

11.11.5 ArsenalBio Latest Developments

11.12 Century Therapeutics

11.12.1 Century Therapeutics Company Information

11.12.2 Century Therapeutics T Cell Persistence Engineering Platform Product Offered

11.12.3 Century Therapeutics T Cell Persistence Engineering Platform Revenue, Gross Margin and Market Share (2021-2026)

11.12.4 Century Therapeutics Main Business Overview

11.12.5 Century Therapeutics Latest Developments

11.13 Senti Biosciences

11.13.1 Senti Biosciences Company Information

11.13.2 Senti Biosciences T Cell Persistence Engineering Platform Product Offered

11.13.3 Senti Biosciences T Cell Persistence Engineering Platform Revenue, Gross Margin and Market Share (2021-2026)

11.13.4 Senti Biosciences Main Business Overview

11.13.5 Senti Biosciences Latest Developments

11.14 Obsidian Therapeutics

11.14.1 Obsidian Therapeutics Company Information

11.14.2 Obsidian Therapeutics T Cell Persistence Engineering Platform Product Offered

11.14.3 Obsidian Therapeutics T Cell Persistence Engineering Platform Revenue, Gross Margin and Market Share (2021-2026)

11.14.4 Obsidian Therapeutics Main Business Overview

11.14.5 Obsidian Therapeutics Latest Developments

11.15 Umoja Biopharma

11.15.1 Umoja Biopharma Company Information

11.15.2 Umoja Biopharma T Cell Persistence Engineering Platform Product Offered

11.15.3 Umoja Biopharma T Cell Persistence Engineering Platform Revenue, Gross Margin and Market Share (2021-2026)

11.15.4 Umoja Biopharma Main Business Overview

- 11.15.5 Umoja Biopharma Latest Developments
- 11.16 Eureka Therapeutics
 - 11.16.1 Eureka Therapeutics Company Information
 - 11.16.2 Eureka Therapeutics T Cell Persistence Engineering Platform Product Offered
 - 11.16.3 Eureka Therapeutics T Cell Persistence Engineering Platform Revenue, Gross Margin and Market Share (2021-2026)
 - 11.16.4 Eureka Therapeutics Main Business Overview
 - 11.16.5 Eureka Therapeutics Latest Developments
- 11.17 Noile-Immune Biotech
 - 11.17.1 Noile-Immune Biotech Company Information
 - 11.17.2 Noile-Immune Biotech T Cell Persistence Engineering Platform Product Offered
 - 11.17.3 Noile-Immune Biotech T Cell Persistence Engineering Platform Revenue, Gross Margin and Market Share (2021-2026)
 - 11.17.4 Noile-Immune Biotech Main Business Overview
 - 11.17.5 Noile-Immune Biotech Latest Developments
- 11.18 KSQ Therapeutics
 - 11.18.1 KSQ Therapeutics Company Information
 - 11.18.2 KSQ Therapeutics T Cell Persistence Engineering Platform Product Offered
 - 11.18.3 KSQ Therapeutics T Cell Persistence Engineering Platform Revenue, Gross Margin and Market Share (2021-2026)
 - 11.18.4 KSQ Therapeutics Main Business Overview
 - 11.18.5 KSQ Therapeutics Latest Developments
- 11.19 Precision BioSciences
 - 11.19.1 Precision BioSciences Company Information
 - 11.19.2 Precision BioSciences T Cell Persistence Engineering Platform Product Offered
 - 11.19.3 Precision BioSciences T Cell Persistence Engineering Platform Revenue, Gross Margin and Market Share (2021-2026)
 - 11.19.4 Precision BioSciences Main Business Overview
 - 11.19.5 Precision BioSciences Latest Developments
- 11.20 Atara Biotherapeutics
 - 11.20.1 Atara Biotherapeutics Company Information
 - 11.20.2 Atara Biotherapeutics T Cell Persistence Engineering Platform Product Offered
 - 11.20.3 Atara Biotherapeutics T Cell Persistence Engineering Platform Revenue, Gross Margin and Market Share (2021-2026)
 - 11.20.4 Atara Biotherapeutics Main Business Overview
 - 11.20.5 Atara Biotherapeutics Latest Developments

12 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. T Cell Persistence Engineering Platform Market Size CAGR by Region (2021 VS 2025 VS 2032) & (\$ millions)

Table 2. T Cell Persistence Engineering Platform Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of Memory and Stemness Preservation

Table 4. Major Players of Exhaustion Resistance

Table 5. Major Players of Metabolic Reprogramming

Table 6. Major Players of Cytokine Support

Table 7. Major Players of Tumor Microenvironment Adaptation

Table 8. Major Players of Multimechanism Integration

Table 9. T Cell Persistence Engineering Platform Market Size CAGR by Type (2021 VS 2025 VS 2032) & (\$ millions)

Table 10. Global T Cell Persistence Engineering Platform Market Size by Type (2021-2026) & (\$ millions)

Table 11. Global T Cell Persistence Engineering Platform Market Size Market Share by Type (2021-2026)

Table 12. Major Players of Genome Editing

Table 13. Major Players of Transcriptional and Epigenetic Reprogramming

Table 14. Major Players of Receptor and Signaling Circuit Engineering

Table 15. Major Players of Cytokine and Secretory Circuit Engineering

Table 16. Major Players of Metabolic and Culture Process Engineering

Table 17. Major Players of Multimodal Engineering

Table 18. T Cell Persistence Engineering Platform Market Size CAGR by Engineering Modality (2021 VS 2025 VS 2032) & (\$ millions)

Table 19. Global T Cell Persistence Engineering Platform Market Size by Engineering Modality (2021-2026) & (\$ millions)

Table 20. Global T Cell Persistence Engineering Platform Market Size Market Share by Engineering Modality (2021-2026)

Table 21. Major Players of Nonexclusive Platform Access

Table 22. Major Players of Exclusive Technology Licensing

Table 23. Major Players of Joint Research and Development

Table 24. Major Players of Fee-for-Service Engineering

Table 25. Major Players of Integrated Development and Manufacturing

Table 26. T Cell Persistence Engineering Platform Market Size CAGR by Delivery Model (2021 VS 2025 VS 2032) & (\$ millions)

Table 27. Global T Cell Persistence Engineering Platform Market Size by Delivery Model (2021-2026) & (\$ millions)

Table 28. Global T Cell Persistence Engineering Platform Market Size Market Share by Delivery Model (2021-2026)

Table 29. Major Players of Autologous T Cells

Table 30. Major Players of Donor-Derived Allogeneic T Cells

Table 31. Major Players of iPSC-Derived T Cells

Table 32. Major Players of In Vivo-Generated T Cells

Table 33. Major Players of Mixed-Source Platforms

Table 34. T Cell Persistence Engineering Platform Market Size CAGR by T Cell Source (2021 VS 2025 VS 2032) & (\$ millions)

Table 35. Global T Cell Persistence Engineering Platform Market Size by T Cell Source (2021-2026) & (\$ millions)

Table 36. Global T Cell Persistence Engineering Platform Market Size Market Share by T Cell Source (2021-2026)

Table 37. T Cell Persistence Engineering Platform Market Size CAGR by Application (2021 VS 2025 VS 2032) & (\$ millions)

Table 38. Global T Cell Persistence Engineering Platform Market Size by Application (2021-2026) & (\$ millions)

Table 39. Global T Cell Persistence Engineering Platform Market Size Market Share by Application (2021-2026)

Table 40. Global T Cell Persistence Engineering Platform Revenue by Player (2021-2026) & (\$ millions)

Table 41. Global T Cell Persistence Engineering Platform Revenue Market Share by Player (2021-2026)

Table 42. T Cell Persistence Engineering Platform Key Players Head office and Products Offered

Table 43. T Cell Persistence Engineering Platform Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 44. New Products and Potential Entrants

Table 45. Mergers & Acquisitions, Expansion

Table 46. Global T Cell Persistence Engineering Platform Market Size by Region (2021-2026) & (\$ millions)

Table 47. Global T Cell Persistence Engineering Platform Market Size Market Share by Region (2021-2026)

Table 48. Global T Cell Persistence Engineering Platform Revenue by Country/Region (2021-2026) & (\$ millions)

Table 49. Global T Cell Persistence Engineering Platform Revenue Market Share by Country/Region (2021-2026)

Table 50. Americas T Cell Persistence Engineering Platform Market Size by Country (2021-2026) & (\$ millions)

Table 51. Americas T Cell Persistence Engineering Platform Market Size Market Share by Country (2021-2026)

Table 52. Americas T Cell Persistence Engineering Platform Market Size by Type (2021-2026) & (\$ millions)

Table 53. Americas T Cell Persistence Engineering Platform Market Size Market Share by Type (2021-2026)

Table 54. Americas T Cell Persistence Engineering Platform Market Size by Application (2021-2026) & (\$ millions)

Table 55. Americas T Cell Persistence Engineering Platform Market Size Market Share by Application (2021-2026)

Table 56. APAC T Cell Persistence Engineering Platform Market Size by Region (2021-2026) & (\$ millions)

Table 57. APAC T Cell Persistence Engineering Platform Market Size Market Share by Region (2021-2026)

Table 58. APAC T Cell Persistence Engineering Platform Market Size by Type (2021-2026) & (\$ millions)

Table 59. APAC T Cell Persistence Engineering Platform Market Size by Application (2021-2026) & (\$ millions)

Table 60. Europe T Cell Persistence Engineering Platform Market Size by Country (2021-2026) & (\$ millions)

Table 61. Europe T Cell Persistence Engineering Platform Market Size Market Share by Country (2021-2026)

Table 62. Europe T Cell Persistence Engineering Platform Market Size by Type (2021-2026) & (\$ millions)

Table 63. Europe T Cell Persistence Engineering Platform Market Size by Application (2021-2026) & (\$ millions)

Table 64. Middle East & Africa T Cell Persistence Engineering Platform Market Size by Region (2021-2026) & (\$ millions)

Table 65. Middle East & Africa T Cell Persistence Engineering Platform Market Size by Type (2021-2026) & (\$ millions)

Table 66. Middle East & Africa T Cell Persistence Engineering Platform Market Size by Application (2021-2026) & (\$ millions)

Table 67. Key Market Drivers & Growth Opportunities of T Cell Persistence Engineering Platform

Table 68. Key Market Challenges & Risks of T Cell Persistence Engineering Platform

Table 69. Key Industry Trends of T Cell Persistence Engineering Platform

Table 70. Global T Cell Persistence Engineering Platform Market Size Forecast by

Region (2027-2032) & (\$ millions)

Table 71. Global T Cell Persistence Engineering Platform Market Size Market Share Forecast by Region (2027-2032)

Table 72. Global T Cell Persistence Engineering Platform Market Size Forecast by Type (2027-2032) & (\$ millions)

Table 73. Global T Cell Persistence Engineering Platform Market Size Forecast by Application (2027-2032) & (\$ millions)

Table 74. Roche Details, Company Type, T Cell Persistence Engineering Platform Area Served and Its Competitors

Table 75. Roche T Cell Persistence Engineering Platform Product Offered

Table 76. Roche T Cell Persistence Engineering Platform Revenue (\$ million), Gross Margin and Market Share (2021-2026)

Table 77. Roche Main Business

Table 78. Roche Latest Developments

Table 79. Autolus Therapeutics Details, Company Type, T Cell Persistence Engineering Platform Area Served and Its Competitors

Table 80. Autolus Therapeutics T Cell Persistence Engineering Platform Product Offered

Table 81. Autolus Therapeutics T Cell Persistence Engineering Platform Revenue (\$ million), Gross Margin and Market Share (2021-2026)

Table 82. Autolus Therapeutics Main Business

Table 83. Autolus Therapeutics Latest Developments

Table 84. CRISPR Therapeutics Details, Company Type, T Cell Persistence Engineering Platform Area Served and Its Competitors

Table 85. CRISPR Therapeutics T Cell Persistence Engineering Platform Product Offered

Table 86. CRISPR Therapeutics T Cell Persistence Engineering Platform Revenue (\$ million), Gross Margin and Market Share (2021-2026)

Table 87. CRISPR Therapeutics Main Business

Table 88. CRISPR Therapeutics Latest Developments

Table 89. Cellectis Details, Company Type, T Cell Persistence Engineering Platform Area Served and Its Competitors

Table 90. Cellectis T Cell Persistence Engineering Platform Product Offered

Table 91. Cellectis T Cell Persistence Engineering Platform Revenue (\$ million), Gross Margin and Market Share (2021-2026)

Table 92. Cellectis Main Business

Table 93. Cellectis Latest Developments

Table 94. Allogene Therapeutics Details, Company Type, T Cell Persistence Engineering Platform Area Served and Its Competitors

Table 95. Allogene Therapeutics T Cell Persistence Engineering Platform Product Offered

Table 96. Allogene Therapeutics T Cell Persistence Engineering Platform Revenue (\$ million), Gross Margin and Market Share (2021-2026)

Table 97. Allogene Therapeutics Main Business

Table 98. Allogene Therapeutics Latest Developments

Table 99. Legend Biotech Details, Company Type, T Cell Persistence Engineering Platform Area Served and Its Competitors

Table 100. Legend Biotech T Cell Persistence Engineering Platform Product Offered

Table 101. Legend Biotech T Cell Persistence Engineering Platform Revenue (\$ million), Gross Margin and Market Share (2021-2026)

Table 102. Legend Biotech Main Business

Table 103. Legend Biotech Latest Developments

Table 104. Adaptimmune Therapeutics Details, Company Type, T Cell Persistence Engineering Platform Area Served and Its Competitors

Table 105. Adaptimmune Therapeutics T Cell Persistence Engineering Platform Product Offered

Table 106. Adaptimmune Therapeutics T Cell Persistence Engineering Platform Revenue (\$ million), Gross Margin and Market Share (2021-2026)

Table 107. Adaptimmune Therapeutics Main Business

Table 108. Adaptimmune Therapeutics Latest Developments

Table 109. Immatix Details, Company Type, T Cell Persistence Engineering Platform Area Served and Its Competitors

Table 110. Immatix T Cell Persistence Engineering Platform Product Offered

Table 111. Immatix T Cell Persistence Engineering Platform Revenue (\$ million), Gross Margin and Market Share (2021-2026)

Table 112. Immatix Main Business

Table 113. Immatix Latest Developments

Table 114. Lyell Immunopharma Details, Company Type, T Cell Persistence Engineering Platform Area Served and Its Competitors

Table 115. Lyell Immunopharma T Cell Persistence Engineering Platform Product Offered

Table 116. Lyell Immunopharma T Cell Persistence Engineering Platform Revenue (\$ million), Gross Margin and Market Share (2021-2026)

Table 117. Lyell Immunopharma Main Business

Table 118. Lyell Immunopharma Latest Developments

Table 119. Caribou Biosciences Details, Company Type, T Cell Persistence Engineering Platform Area Served and Its Competitors

Table 120. Caribou Biosciences T Cell Persistence Engineering Platform Product

Offered

Table 121. Caribou Biosciences T Cell Persistence Engineering Platform Revenue (\$ million), Gross Margin and Market Share (2021-2026)

Table 122. Caribou Biosciences Main Business

Table 123. Caribou Biosciences Latest Developments

Table 124. ArsenalBio Details, Company Type, T Cell Persistence Engineering Platform Area Served and Its Competitors

Table 125. ArsenalBio T Cell Persistence Engineering Platform Product Offered

Table 126. ArsenalBio T Cell Persistence Engineering Platform Revenue (\$ million), Gross Margin and Market Share (2021-2026)

Table 127. ArsenalBio Main Business

Table 128. ArsenalBio Latest Developments

Table 129. Century Therapeutics Details, Company Type, T Cell Persistence Engineering Platform Area Served and Its Competitors

Table 130. Century Therapeutics T Cell Persistence Engineering Platform Product Offered

Table 131. Century Therapeutics T Cell Persistence Engineering Platform Revenue (\$ million), Gross Margin and Market Share (2021-2026)

Table 132. Century Therapeutics Main Business

Table 133. Century Therapeutics Latest Developments

Table 134. Senti Biosciences Details, Company Type, T Cell Persistence Engineering Platform Area Served and Its Competitors

Table 135. Senti Biosciences T Cell Persistence Engineering Platform Product Offered

Table 136. Senti Biosciences T Cell Persistence Engineering Platform Revenue (\$ million), Gross Margin and Market Share (2021-2026)

Table 137. Senti Biosciences Main Business

Table 138. Senti Biosciences Latest Developments

Table 139. Obsidian Therapeutics Details, Company Type, T Cell Persistence Engineering Platform Area Served and Its Competitors

Table 140. Obsidian Therapeutics T Cell Persistence Engineering Platform Product Offered

Table 141. Obsidian Therapeutics T Cell Persistence Engineering Platform Revenue (\$ million), Gross Margin and Market Share (2021-2026)

Table 142. Obsidian Therapeutics Main Business

Table 143. Obsidian Therapeutics Latest Developments

Table 144. Umoja Biopharma Details, Company Type, T Cell Persistence Engineering Platform Area Served and Its Competitors

Table 145. Umoja Biopharma T Cell Persistence Engineering Platform Product Offered

Table 146. Umoja Biopharma T Cell Persistence Engineering Platform Revenue (\$

million), Gross Margin and Market Share (2021-2026)

Table 147. Umoja Biopharma Main Business

Table 148. Umoja Biopharma Latest Developments

Table 149. Eureka Therapeutics Details, Company Type, T Cell Persistence

Engineering Platform Area Served and Its Competitors

Table 150. Eureka Therapeutics T Cell Persistence Engineering Platform Product Offered

Table 151. Eureka Therapeutics T Cell Persistence Engineering Platform Revenue (\$ million), Gross Margin and Market Share (2021-2026)

Table 152. Eureka Therapeutics Main Business

Table 153. Eureka Therapeutics Latest Developments

Table 154. Noile-Immune Biotech Details, Company Type, T Cell Persistence

Engineering Platform Area Served and Its Competitors

Table 155. Noile-Immune Biotech T Cell Persistence Engineering Platform Product Offered

Table 156. Noile-Immune Biotech T Cell Persistence Engineering Platform Revenue (\$ million), Gross Margin and Market Share (2021-2026)

Table 157. Noile-Immune Biotech Main Business

Table 158. Noile-Immune Biotech Latest Developments

Table 159. KSQ Therapeutics Details, Company Type, T Cell Persistence Engineering Platform Area Served and Its Competitors

Table 160. KSQ Therapeutics T Cell Persistence Engineering Platform Product Offered

Table 161. KSQ Therapeutics T Cell Persistence Engineering Platform Revenue (\$ million), Gross Margin and Market Share (2021-2026)

Table 162. KSQ Therapeutics Main Business

Table 163. KSQ Therapeutics Latest Developments

Table 164. Precision BioSciences Details, Company Type, T Cell Persistence

Engineering Platform Area Served and Its Competitors

Table 165. Precision BioSciences T Cell Persistence Engineering Platform Product Offered

Table 166. Precision BioSciences T Cell Persistence Engineering Platform Revenue (\$ million), Gross Margin and Market Share (2021-2026)

Table 167. Precision BioSciences Main Business

Table 168. Precision BioSciences Latest Developments

Table 169. Atara Biotherapeutics Details, Company Type, T Cell Persistence

Engineering Platform Area Served and Its Competitors

Table 170. Atara Biotherapeutics T Cell Persistence Engineering Platform Product Offered

Table 171. Atara Biotherapeutics T Cell Persistence Engineering Platform Revenue (\$

million), Gross Margin and Market Share (2021-2026)

Table 172. Atara Biotherapeutics Main Business

Table 173. Atara Biotherapeutics Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. T Cell Persistence Engineering Platform Report Years Considered
- Figure 2. Research Objectives
- Figure 3. Research Methodology
- Figure 4. Research Process and Data Source
- Figure 5. Global T Cell Persistence Engineering Platform Market Size Growth Rate (2021-2032) (\$ millions)
- Figure 6. T Cell Persistence Engineering Platform Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 7. T Cell Persistence Engineering Platform Sales Market Share by Country/Region (2025)
- Figure 8. T Cell Persistence Engineering Platform Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 9. Global T Cell Persistence Engineering Platform Market Size Market Share by Type in 2025
- Figure 10. Global T Cell Persistence Engineering Platform Market Size Market Share by Engineering Modality in 2025
- Figure 11. Global T Cell Persistence Engineering Platform Market Size Market Share by Delivery Model in 2025
- Figure 12. Global T Cell Persistence Engineering Platform Market Size Market Share by T Cell Source in 2025
- Figure 13. T Cell Persistence Engineering Platform in Hematologic Malignancies
- Figure 14. Global T Cell Persistence Engineering Platform Market: Hematologic Malignancies (2021-2026) & (\$ millions)
- Figure 15. T Cell Persistence Engineering Platform in Solid Tumors
- Figure 16. Global T Cell Persistence Engineering Platform Market: Solid Tumors (2021-2026) & (\$ millions)
- Figure 17. T Cell Persistence Engineering Platform in Autoimmune Diseases
- Figure 18. Global T Cell Persistence Engineering Platform Market: Autoimmune Diseases (2021-2026) & (\$ millions)
- Figure 19. T Cell Persistence Engineering Platform in Infectious Diseases
- Figure 20. Global T Cell Persistence Engineering Platform Market: Infectious Diseases (2021-2026) & (\$ millions)
- Figure 21. T Cell Persistence Engineering Platform in Transplantation and Immune Reconstitution
- Figure 22. Global T Cell Persistence Engineering Platform Market: Transplantation and

Immune Reconstitution (2021-2026) & (\$ millions)

Figure 23. T Cell Persistence Engineering Platform in Other Research Applications

Figure 24. Global T Cell Persistence Engineering Platform Market: Other Research Applications (2021-2026) & (\$ millions)

Figure 25. Global T Cell Persistence Engineering Platform Market Size Market Share by Application in 2025

Figure 26. Global T Cell Persistence Engineering Platform Revenue Market Share by Player in 2025

Figure 27. Global T Cell Persistence Engineering Platform Market Size Market Share by Region (2021-2026)

Figure 28. Americas T Cell Persistence Engineering Platform Market Size 2021-2026 (\$ millions)

Figure 29. APAC T Cell Persistence Engineering Platform Market Size 2021-2026 (\$ millions)

Figure 30. Europe T Cell Persistence Engineering Platform Market Size 2021-2026 (\$ millions)

Figure 31. Middle East & Africa T Cell Persistence Engineering Platform Market Size 2021-2026 (\$ millions)

Figure 32. Americas T Cell Persistence Engineering Platform Value Market Share by Country in 2025

Figure 33. United States T Cell Persistence Engineering Platform Market Size Growth 2021-2026 (\$ millions)

Figure 34. Canada T Cell Persistence Engineering Platform Market Size Growth 2021-2026 (\$ millions)

Figure 35. Mexico T Cell Persistence Engineering Platform Market Size Growth 2021-2026 (\$ millions)

Figure 36. Brazil T Cell Persistence Engineering Platform Market Size Growth 2021-2026 (\$ millions)

Figure 37. APAC T Cell Persistence Engineering Platform Market Size Market Share by Region in 2025

Figure 38. APAC T Cell Persistence Engineering Platform Market Size Market Share by Type (2021-2026)

Figure 39. APAC T Cell Persistence Engineering Platform Market Size Market Share by Application (2021-2026)

Figure 40. China T Cell Persistence Engineering Platform Market Size Growth 2021-2026 (\$ millions)

Figure 41. Japan T Cell Persistence Engineering Platform Market Size Growth 2021-2026 (\$ millions)

Figure 42. South Korea T Cell Persistence Engineering Platform Market Size Growth

2021-2026 (\$ millions)

Figure 43. Southeast Asia T Cell Persistence Engineering Platform Market Size Growth 2021-2026 (\$ millions)

Figure 44. India T Cell Persistence Engineering Platform Market Size Growth 2021-2026 (\$ millions)

Figure 45. Australia T Cell Persistence Engineering Platform Market Size Growth 2021-2026 (\$ millions)

Figure 46. Europe T Cell Persistence Engineering Platform Market Size Market Share by Country in 2025

Figure 47. Europe T Cell Persistence Engineering Platform Market Size Market Share by Type (2021-2026)

Figure 48. Europe T Cell Persistence Engineering Platform Market Size Market Share by Application (2021-2026)

Figure 49. Germany T Cell Persistence Engineering Platform Market Size Growth 2021-2026 (\$ millions)

Figure 50. France T Cell Persistence Engineering Platform Market Size Growth 2021-2026 (\$ millions)

Figure 51. UK T Cell Persistence Engineering Platform Market Size Growth 2021-2026 (\$ millions)

Figure 52. Italy T Cell Persistence Engineering Platform Market Size Growth 2021-2026 (\$ millions)

Figure 53. Russia T Cell Persistence Engineering Platform Market Size Growth 2021-2026 (\$ millions)

Figure 54. Middle East & Africa T Cell Persistence Engineering Platform Market Size Market Share by Region (2021-2026)

Figure 55. Middle East & Africa T Cell Persistence Engineering Platform Market Size Market Share by Type (2021-2026)

Figure 56. Middle East & Africa T Cell Persistence Engineering Platform Market Size Market Share by Application (2021-2026)

Figure 57. Egypt T Cell Persistence Engineering Platform Market Size Growth 2021-2026 (\$ millions)

Figure 58. South Africa T Cell Persistence Engineering Platform Market Size Growth 2021-2026 (\$ millions)

Figure 59. Israel T Cell Persistence Engineering Platform Market Size Growth 2021-2026 (\$ millions)

Figure 60. Turkey T Cell Persistence Engineering Platform Market Size Growth 2021-2026 (\$ millions)

Figure 61. GCC Countries T Cell Persistence Engineering Platform Market Size Growth 2021-2026 (\$ millions)

Figure 62. Americas T Cell Persistence Engineering Platform Market Size 2027-2032 (\$ millions)

Figure 63. APAC T Cell Persistence Engineering Platform Market Size 2027-2032 (\$ millions)

Figure 64. Europe T Cell Persistence Engineering Platform Market Size 2027-2032 (\$ millions)

Figure 65. Middle East & Africa T Cell Persistence Engineering Platform Market Size 2027-2032 (\$ millions)

Figure 66. United States T Cell Persistence Engineering Platform Market Size 2027-2032 (\$ millions)

Figure 67. Canada T Cell Persistence Engineering Platform Market Size 2027-2032 (\$ millions)

Figure 68. Mexico T Cell Persistence Engineering Platform Market Size 2027-2032 (\$ millions)

Figure 69. Brazil T Cell Persistence Engineering Platform Market Size 2027-2032 (\$ millions)

Figure 70. China T Cell Persistence Engineering Platform Market Size 2027-2032 (\$ millions)

Figure 71. Japan T Cell Persistence Engineering Platform Market Size 2027-2032 (\$ millions)

Figure 72. Korea T Cell Persistence Engineering Platform Market Size 2027-2032 (\$ millions)

Figure 73. Southeast Asia T Cell Persistence Engineering Platform Market Size 2027-2032 (\$ millions)

Figure 74. India T Cell Persistence Engineering Platform Market Size 2027-2032 (\$ millions)

Figure 75. Australia T Cell Persistence Engineering Platform Market Size 2027-2032 (\$ millions)

Figure 76. Germany T Cell Persistence Engineering Platform Market Size 2027-2032 (\$ millions)

Figure 77. France T Cell Persistence Engineering Platform Market Size 2027-2032 (\$ millions)

Figure 78. UK T Cell Persistence Engineering Platform Market Size 2027-2032 (\$ millions)

Figure 79. Italy T Cell Persistence Engineering Platform Market Size 2027-2032 (\$ millions)

Figure 80. Russia T Cell Persistence Engineering Platform Market Size 2027-2032 (\$ millions)

Figure 81. Egypt T Cell Persistence Engineering Platform Market Size 2027-2032 (\$

millions)

Figure 82. South Africa T Cell Persistence Engineering Platform Market Size 2027-2032 (\$ millions)

Figure 83. Israel T Cell Persistence Engineering Platform Market Size 2027-2032 (\$ millions)

Figure 84. Turkey T Cell Persistence Engineering Platform Market Size 2027-2032 (\$ millions)

Figure 85. Global T Cell Persistence Engineering Platform Market Size Market Share Forecast by Type (2027-2032)

Figure 86. Global T Cell Persistence Engineering Platform Market Size Market Share Forecast by Application (2027-2032)

Figure 87. GCC Countries T Cell Persistence Engineering Platform Market Size 2027-2032 (\$ millions)

I would like to order

Product name: Global T Cell Persistence Engineering Platform Market Growth (Status and Outlook) 2026-2032

Product link: <https://marketpublishers.com/r/GB2E995F9A62EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GB2E995F9A62EN.html>