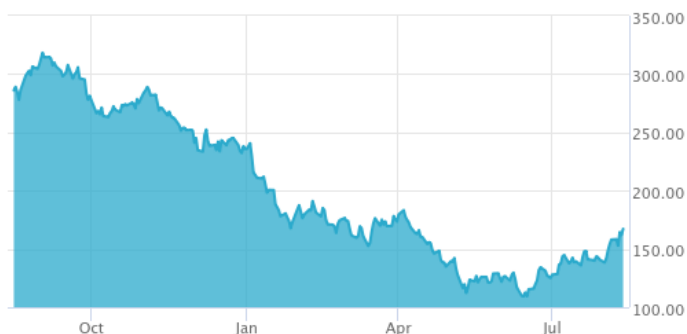


BlueStar[®] Genomic Health Care Index

The BlueStar[®] Genomic Health Care Index (BDNA) tracks the performance of the largest and most liquid companies in the global genomic healthcare industry. This is a modified market cap-weighted index, and only includes companies that generate at least 50% of their revenue from health care therapies based on targeting or the modification of the genetic makeup of cells or uses mRNA, technology platforms that enable the development of genetics-based health care therapies, or laboratory equipment or services used to test, code, or develop genetics-based health care companies.

Key Features



All Time High/Low **52-Week High/Low**

Total Return Net Index 380.65/69.17 318.25/109.29

Size and Liquidity Requirements

Float-adjusted market capitalization of at least 300 mIn USD. Six-month average-daily-value-traded of at least 200000 USD.

Universe

Companies developing or producing gene-based healthcare technologies and therapies.

Diversification

Companies are liquidity weighted.

Review

Semi-annual in June and December.

Index Data

INDEX PARAMETERS

Launch Date	31 May 2022	Components	79
Type	Sector	Volatility (250 days)	45.17
Currency	USD	Full MCap bn USD	479.55
Base Date	31 Dec 2015	Float MCap bn USD	311.20
Base Value	100.00	Correlation* (250 days)	0.00

* -

FUNDAMENTALS*

Price/Earnings Trailing	-7.08
Price/Book	2.24
Price/Sales	6.20
Price/Cash Flow	8.49
Dividend Yield	0.03

* as of 31 Jul 2022

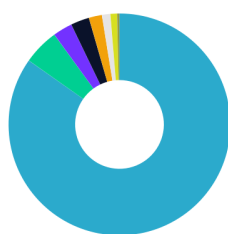
ANNUALISED PERFORMANCE*

1 Month	20.26%
1 Year	-43.90%
3 Years	1.83%
5 Years	10.85%
7 Years	8.08%

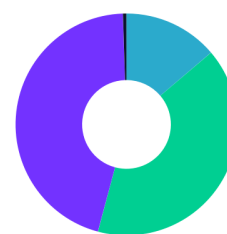
* Total Return Net Index

Country and Size Weightings

Country	Count	Weight
United States	64	84.77%
United Kingdom	5	5.24%
China	2	2.83%
Germany	3	2.71%
Japan	2	1.90%
Netherlands	1	1.24%
Belgium	1	0.96%
New Zealand	1	0.34%



■ US
■ GB
■ CN
■ DE
■ JP
■ NL
■ BE
■ NZ



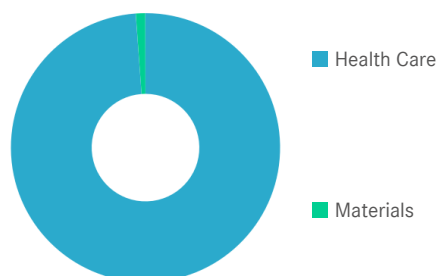
■ Large-Cap
■ Mid-Cap
■ Small-Cap
■ Micro-Cap

Size	Count	Weight
Large-Cap (> 6 bn)	12	13.79%
Mid-Cap (1.5 bn - 6 bn)	30	40.36%
Small-Cap (0.2 bn - 1.5 bn)	36	45.34%
Micro-Cap (0.0 bn - 0.2 bn)	1	0.51%

BlueStar® Genomic Health Care Index

Sector Weightings

Sector	Count	Weight
Health Care	78	98.85%
Materials	1	1.15%



Index Components

Top Components by Weight	Country	Weight	Best Performing Components	YTD	1 Day
Verve Therapeutics, Inc.	US	2.29%	INVITAE CORP	-64.83%	19.07%
ALLOGENE THERAPEUTICS INC	US	2.12%	Avidity Biosciences Inc.	-7.66%	15.40%
BioNano Genomics, Inc	US	2.03%	ARCTURUS THERAPEUTICS HOLDINGS INC	-48.18%	12.62%
Design Therapeutics, Inc	US	1.94%	Sema4 Holdings Corp. Class A	-45.52%	11.98%
BEAM THERAPEUTICS INC	US	1.91%	Exscientia Plc ADR	-34.62%	11.86%
ALNYLAM PHARMACEUTICALS INC	US	1.81%			
PTC Therapeutics Inc	US	1.75%			
PRECIGEN INC	US	1.72%	Worst Performing Components	YTD	1 Day
Lyell Immunopharma, Inc.	US	1.72%	ILLUMINA INC	-45.24%	-8.40%
Sangamo Therapeutics, Inc	US	1.69%	4D Molecular Therapeutics, Inc.	-56.52%	-8.27%
23andMe Holding Co. Class A	US	1.66%	OXFORD NANOPORE TECHNOLOGIES PLC	-59.63%	-6.66%
Carsgen Therapeutics Holdings Ltd- B	CN	1.63%	Pharming Group NV	18.45%	-3.62%
Subtotal		22.28%	GreenLight Biosciences Holdings	-60.99%	-3.25%

Symbols

	Symbol	ISIN	WKN	Sedol	Bloomberg	Reuters	Telekurs
Price Index	BDNAPR	DE000A30A0C9	A30A0C	BL54GB6	BDNAPR	.BDNAPR	118227302
Total Return Net	BDNANTR	DE000A3CLKA4	A3CLKA	BLNPNQ5	BDNANTR	.BDNANTR	57061641
Total Return Gross	-	-	-	-	-	-	-

For further information visit www.marketvector.com

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