Portfolio overlap

BBP / HAPI

Overlap	Shared positions
2.32%	6

Virtus Biotech ETF

Report dates 07/31/2023 | 99.30% NAV

Overlap / BBP 10.71%

Harbor Human Capital Factor US Large Cap ETF

Report dates 07/31/2023 | 99.42% NAV

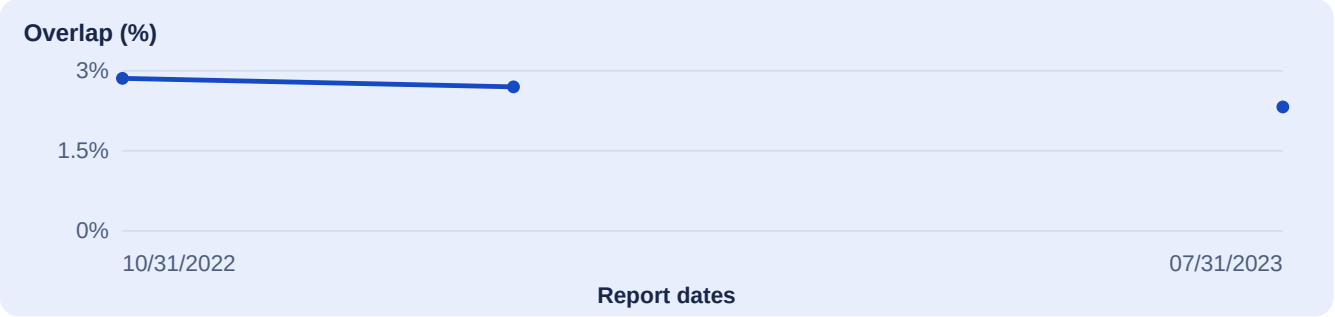
Overlap / HAPI 2.32%

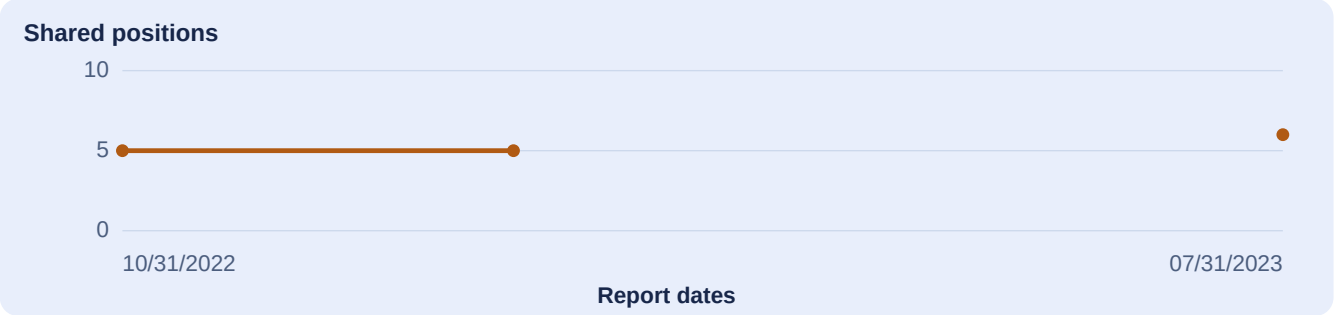
Largest shared positions

Security	BBP	HAPI	Overlap
Amgen Inc	1.88%	0.84%	0.84%
VERTEX PHARMACEUTICALS INC	1.84%	0.63%	0.63%
REGENERON PHARMACEUTICALS INC	1.72%	0.50%	0.50%

Weights are percentages of each fund's net assets. Shared weight is the sum of the smallest weight per matched common-stock class. Unmatched positions are excluded without renormalizing the weights.

History





3 matched portfolio dates from 10/31/2022 to 07/31/2023. Both filings use the same portfolio date. The minimum matched share of net assets is 98.87%. The filing dates are 51–60 days after the portfolio dates. This is filing lag. The archive does not establish an exact intraday release time.

Largest changes

01/31/2023 / 07/31/2023 -0.38 pp

Security	Overlap 01/31/2023	Overlap 07/31/2023	Change (pp)
Moderna Inc	0.46%	0.00%	-0.46
BIOGEN INC	0.30%	0.00%	-0.30
Alnylam Pharmaceuticals Inc	0.00%	0.15%	+0.15
BIOMARIN PHARMACEUTICAL INC	0.00%	0.11%	+0.11
INCYTE CORP	0.00%	0.08%	+0.08
All other shared classes			+0.03

Sources and methodology

Weights are percentages of each fund's net assets. Shared weight is the sum of the smallest weight per matched common-stock class. Unmatched positions are excluded without renormalizing the weights.

nport-common-equity-v1

Report dates	Weight (%)	Classes	BBP · SEC	HAPI · SEC
07/31/2023	2.32%	6	0001752724-23-214290	0001752724-23-222402
01/31/2023	2.70%	5	0001752724-23-073260	0001752724-23-075628
10/31/2022	2.86%	5	0001752724-22-286902	0001752724-22-297744