

BetaShares Portfolio Holdings

| ETF Name | BETASHARES NASDAQ 100 ETF | | | |
|---------------|-------------------------------------|-----------|--------------|-----------------|
| ETF ASX Code | NDQ | | | |
| Date: | 16/11/2018 | | | |
| Security/Code | Security Name | Weighting | # securities | Market value |
| AAPL | APPLE INC | 11.61% | 174,062 | \$32,514,782.00 |
| MSFT | MICROSOFT CORP | 10.35% | 276,349 | \$29,008,355.00 |
| AMZN | AMAZON.COM INC | 10.03% | 17,577 | \$28,105,799.00 |
| GOOG | GOOGLE INC-CL C | 4.70% | 12,610 | \$13,160,553.00 |
| FB | FACEBOOK INC-A | 4.47% | 86,913 | \$12,534,593.00 |
| GOOGL | GOOGLE INC-CL A | 4.05% | 10,772 | \$11,359,936.00 |
| INTC | INTEL CORP | 2.79% | 166,172 | \$7,825,039.00 |
| CSCO | CISCO SYSTEMS INC | 2.68% | 169,484 | \$7,513,226.00 |
| CMCSA | COMCAST CORP-CLASS A | 2.25% | 164,785 | \$6,309,618.00 |
| PEP | PEPSICO INC | 2.12% | 50,969 | \$5,945,534.00 |
| NFLX | NETFLIX INC | 1.61% | 15,693 | \$4,499,654.00 |
| AMGN | AMGEN INC | 1.58% | 23,327 | \$4,440,528.00 |
| NVDA | NVIDIA CORP | 1.54% | 21,911 | \$4,320,630.00 |
| ADBE | ADOBE SYSTEMS INC | 1.48% | 17,647 | \$4,150,927.00 |
| COST | COSTCO WHOLESALE CORP | 1.32% | 15,804 | \$3,687,231.00 |
| PYPL | PAYPAL HOLDINGS INC | 1.28% | 42,657 | \$3,585,321.00 |
| AVGO | BROADCOM LTD | 1.26% | 15,557 | \$3,518,993.00 |
| TXN | TEXAS INSTRUMENTS INC | 1.18% | 35,036 | \$3,317,909.00 |
| GILD | GILEAD SCIENCES INC | 1.18% | 46,718 | \$3,295,955.00 |
| SBUX | STARBUCKS CORP | 1.16% | 48,619 | \$3,259,418.00 |
| BKNG | PRICELINE GROUP INC/THE | 1.15% | 1,709 | \$3,227,224.00 |
| WBA | WALGREENS BOOTS ALLIANCE INC | 1.04% | 35,765 | \$2,915,563.00 |
| CHTR | CHARTER COMMUNICATION-A | 0.96% | 8,356 | \$2,680,605.00 |
| QCOM | QUALCOMM INC | 0.84% | 43,684 | \$2,356,315.00 |
| KHC | KRAFT HEINZ CO/THE | 0.83% | 43,939 | \$2,312,949.00 |
| MDLZ | MONDELEZ INTERNATIONAL INC-A | 0.83% | 52,852 | \$2,312,804.00 |
| BIIB | BIOGEN INC | 0.81% | 7,260 | \$2,276,373.00 |
| ADP | AUTOMATIC DATA PROCESSING | 0.80% | 15,787 | \$2,253,121.00 |
| CSX | CSX CORP | 0.78% | 30,950 | \$2,181,975.00 |
| TSLA | TESLA MOTORS INC | 0.75% | 6,148 | \$2,114,912.00 |
| TMUS | T-MOBILE US INC | 0.74% | 30,533 | \$2,079,908.00 |
| ISRG | INTUITIVE SURGICAL INC | 0.73% | 4,099 | \$2,043,925.00 |
| ESRX | EXPRESS SCRIPTS HOLDING CO | 0.70% | 20,262 | \$1,954,878.00 |
| INTU | INTUIT INC | 0.70% | 9,322 | \$1,951,840.00 |
| BIDU | BAIDU INC - SPON ADR EQUITY ADR 0.0 | 0.67% | 10,117 | \$1,872,252.00 |
| FOXA | TWENTY-FIRST CENTURY FOX-A | 0.65% | 37,986 | \$1,820,669.00 |
| CELG | CELGENE CORP | 0.63% | 25,348 | \$1,764,981.00 |
| ILMN | ILLUMINA INC | 0.58% | 5,289 | \$1,630,228.00 |
| MU | MICRON TECHNOLOGY INC | 0.57% | 41,737 | \$1,587,258.00 |
| VRTX | VERTEX PHARMACEUTICALS INC | 0.54% | 9,197 | \$1,513,642.00 |
| MAR | MARRIOTT INTERNATIONAL -CL A | 0.52% | 12,487 | \$1,452,238.00 |
| ATVI | ACTIVISION BLIZZARD INC | 0.51% | 27,437 | \$1,415,749.00 |
| CTSH | COGNIZANT TECH SOLUTIONS-A | 0.50% | 20,880 | \$1,410,862.00 |
| FOX | TWENTY-FIRST CENTURY FOX - B | 0.49% | 28,735 | \$1,362,901.00 |
| ROST | ROSS STORES INC | 0.47% | 13,570 | \$1,328,503.00 |
| REGN | REGENERON PHARMACEUTICALS | 0.46% | 3,820 | \$1,288,448.00 |
| AMAT | APPLIED MATERIALS INC | 0.42% | 35,373 | \$1,187,825.00 |
| ADI | ANALOG DEVICES INC | 0.41% | 13,375 | \$1,151,989.00 |
| FISV | FISERV INC | 0.40% | 14,572 | \$1,132,973.00 |
| MNST | MONSTER BEVERAGE CORP | 0.39% | 19,882 | \$1,083,370.00 |

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| ORLY | O'REILLY AUTOMOTIVE INC | 0.37% | 2,898 | \$1,028,152.00 |
| ADSK | AUTODESK INC | 0.36% | 7,875 | \$1,019,261.00 |
| NXPI | NXP SEMICONDUCTORS NV | 0.36% | 12,383 | \$1,016,397.00 |
| SIRI | SIRIUS XM HOLDINGS INC | 0.36% | 161,510 | \$1,009,438.00 |
| EBAY | EBAY INC | 0.35% | 35,613 | \$993,247.00 |
| EA | ELECTRONIC ARTS INC | 0.34% | 10,963 | \$940,187.00 |
| ALXN | ALEXION PHARMACEUTICALS INC | 0.33% | 8,020 | \$931,202.00 |
| PAYX | PAYCHEX INC | 0.31% | 12,931 | \$862,756.00 |
| LRCX | LAM RESEARCH CORP | 0.29% | 5,671 | \$809,479.00 |
| XLNX | XILINX INC | 0.27% | 9,115 | \$763,746.00 |
| JD | JD.COM INC | 0.27% | 33,234 | \$756,406.00 |
| PCAR | PACCAR INC | 0.27% | 12,604 | \$752,207.00 |
| DLTR | DOLLAR TREE INC | 0.26% | 8,570 | \$732,821.00 |
| VRSK | VERISK ANALYTICS INC-CLASS A | 0.26% | 5,921 | \$716,974.00 |
| WDAY | WORKDAY INC-CLASS A | 0.25% | 5,259 | \$696,239.00 |
| CTAS | CINTAS CORP | 0.24% | 3,824 | \$677,728.00 |
| ULTA | ULTA SALON COSMETICS & FRAGR | 0.24% | 2,150 | \$673,230.00 |
| CERN | CERNER CORP | 0.24% | 11,832 | \$668,508.00 |
| ALGN | ALIGN TECHNOLOGY INC | 0.23% | 2,891 | \$635,991.00 |
| MYL | MYLAN NV | 0.23% | 18,571 | \$635,685.00 |
| AAL | AMERICAN AIRLINES GROUP INC | 0.23% | 16,572 | \$631,559.00 |
| CHKP | CHECK POINT SOFTWARE TECH | 0.22% | 5,622 | \$625,672.00 |
| IDXX | IDEXX LABORATORIES INC | 0.22% | 3,112 | \$612,099.00 |
| MCHP | MICROCHIP TECHNOLOGY INC | 0.22% | 8,485 | \$611,090.00 |
| NTES | NETEASE INC-ADR EQUITY ADR 0.0 | 0.22% | 2,749 | \$603,983.00 |
| EXPE | EXPEDIA INC | 0.21% | 4,920 | \$599,896.00 |
| BMRN | BIOMARIN PHARMACEUTICAL INC | 0.21% | 6,391 | \$586,438.00 |
| FAST | FASTENAL CO | 0.21% | 10,307 | \$575,749.00 |
| MELI | MERCADOLIBRE INC | 0.19% | 1,591 | \$535,944.00 |
| KLAC | KLA-TENCOR CORP | 0.19% | 5,624 | \$519,208.00 |
| MXIM | MAXIM INTEGRATED PRODUCTS | 0.18% | 10,023 | \$518,089.00 |
| CTXS | CITRIX SYSTEMS INC | 0.18% | 4,886 | \$516,792.00 |
| SYMC | SYMANTEC CORP | 0.18% | 22,389 | \$500,618.00 |
| INCY | INCYTE CORP | 0.18% | 7,657 | \$491,197.00 |
| SHPG | SHIRE PLC-ADR EQUITY ADR 0.0 | 0.17% | 2,716 | \$489,097.00 |
| SNPS | SYNOPSIS INC | 0.17% | 5,337 | \$478,088.00 |
| LBTYK | LIBERTY GLOBAL PLC-SERIES C | 0.17% | 19,866 | \$472,811.00 |
| WDC | WESTERN DIGITAL CORP | 0.17% | 10,484 | \$472,304.00 |
| HSIC | HENRY SCHEIN INC | 0.17% | 5,517 | \$471,372.00 |
| SWKS | SKYWORKS SOLUTIONS INC | 0.16% | 6,441 | \$459,114.00 |
| CDNS | CADENCE DESIGN SYS INC | 0.16% | 10,187 | \$452,507.00 |
| ASML | ASML HOLDING NV-NY REG SHS | 0.16% | 2,606 | \$450,134.00 |
| STX | SEAGATE TECHNOLOGY | 0.16% | 10,344 | \$441,896.00 |
| CTRP | CTRIP.COM INTERNATIONAL | 0.16% | 16,782 | \$441,702.00 |
| HAS | HASBRO INC | 0.16% | 4,568 | \$441,680.00 |
| TTWO | TAKE-TWO INTERACTIVE SOFTWARE | 0.16% | 4,099 | \$436,830.00 |
| JBHT | HUNT (JB) TRANSPRT SVCS INC | 0.15% | 3,934 | \$413,935.00 |
| WYNN | WYNN RESORTS LTD | 0.14% | 3,913 | \$403,978.00 |
| HOLX | HOLOGIC INC | 0.14% | 9,783 | \$389,559.00 |
| QRTEA | LIBERTY INTERACTIVE CORP-A | 0.13% | 15,510 | \$363,399.00 |
| VOD | VODAFONE GROUP PLC-SP ADR EQUITY ADR 0.0 | 0.12% | 17,011 | \$346,514.00 |
| XRAY | DENTSPLY INTERNATIONAL INC | 0.10% | 8,002 | \$288,952.00 |
| LBTYA | LIBERTY GLOBAL PLC-A | 0.06% | 7,434 | \$180,423.00 |