

ARK INNOVATION ETF (ARKK) HOLDINGS

As of 09/15/2020

| Company | | Ticker | CUSIP | Shares | Market Value(\$) | Weight(%) |
|---------|--------------------------------|---------|-----------|------------|------------------|-----------|
| 1 | TESLA INC | TSLA | 88160R101 | 2,100,597 | 944,764,506.72 | 11.05 |
| 2 | INVITAE CORP | NVTA | 46185L103 | 18,244,216 | 711,706,866.16 | 8.32 |
| 3 | SQUARE INC - A | SQ | 852234103 | 3,461,344 | 534,777,648.00 | 6.26 |
| 4 | CRISPR THERAPEUTICS AG | CRSP | H17182108 | 4,987,660 | 423,601,963.80 | 4.95 |
| 5 | ROKU INC | ROKU | 77543R102 | 2,470,792 | 416,377,867.84 | 4.87 |
| 6 | PROTO LABS INC | PRLB | 743713109 | 2,295,912 | 356,991,356.88 | 4.18 |
| 7 | ILLUMINA INC | ILMN | 452327109 | 791,215 | 278,658,010.85 | 3.26 |
| 8 | 2U INC | TWOU | 90214J101 | 7,927,741 | 277,629,489.82 | 3.25 |
| 9 | ZILLOW GROUP INC - C | Z | 98954M200 | 2,988,471 | 272,458,901.07 | 3.19 |
| 10 | LENDINGTREE INC | TREE UW | 52603B107 | 804,672 | 254,984,463.36 | 2.98 |
| 11 | EDITAS MEDICINE INC | EDIT | 28106W103 | 6,970,836 | 222,369,668.40 | 2.60 |
| 12 | SLACK TECHNOLOGIES INC- CL A | WORK | 83088V102 | 8,463,835 | 217,012,729.40 | 2.54 |
| 13 | SERES THERAPEUTICS INC | MCRB | 81750R102 | 7,956,466 | 217,370,651.12 | 2.54 |
| 14 | TELADOC HEALTH INC | TDOC | 87918A105 | 1,032,294 | 200,997,964.74 | 2.35 |
| 15 | COMPUGEN LTD | CGEN | M25722105 | 11,537,346 | 199,019,218.50 | 2.33 |
| 16 | PURE STORAGE INC - CLASS A | PSTG | 74624M102 | 12,744,674 | 194,738,618.72 | 2.28 |
| 17 | MATERIALISE NV-ADR | MTLS | 57667T100 | 4,592,799 | 187,523,983.17 | 2.19 |
| 18 | IOVANCE BIOTHERAPEUTICS INC | IOVA | 462260100 | 4,811,178 | 171,855,278.16 | 2.01 |
| 19 | PAGERDUTY INC | PD | 69553P100 | 6,362,685 | 156,076,663.05 | 1.83 |
| 20 | INTELLIA THERAPEUTICS INC | NTLA | 45826J105 | 6,882,332 | 153,269,533.64 | 1.79 |
| 21 | TAIWAN SEMICONDUCTOR-SP ADR | TSM | 874039100 | 1,626,575 | 139,641,463.75 | 1.63 |
| 22 | NANOSTRING TECHNOLOGIES INC | NSTG | 63009R109 | 2,948,994 | 128,871,037.80 | 1.51 |
| 23 | SPLUNK INC | SPLK | 848637104 | 669,251 | 124,045,672.85 | 1.45 |
| 24 | VERACYTE INC | VCYT | 92337F107 | 3,816,594 | 123,161,488.38 | 1.44 |
| 25 | CERUS CORP | CERS | 157085101 | 18,761,237 | 120,259,529.17 | 1.41 |
| 26 | SPOTIFY TECHNOLOGY SA | SPOT | L8681T102 | 494,783 | 117,713,823.53 | 1.38 |
| 27 | HUYA INC-ADR | HUYA | 44852D108 | 4,093,386 | 111,053,562.18 | 1.30 |
| 28 | TWILIO INC - A | TWLO | 90138F102 | 474,612 | 107,418,933.96 | 1.26 |
| 29 | STRATASYS LTD | SSYS | M85548101 | 7,525,358 | 107,462,112.24 | 1.26 |
| 30 | PINTEREST INC- CLASS A | PINS | 72352L106 | 2,468,718 | 92,848,483.98 | 1.09 |
| 31 | IRIDIUM COMMUNICATIONS INC | IRDM | 46269C102 | 2,942,675 | 84,042,798.00 | 0.98 |
| 32 | INTERCONTINENTAL EXCHANGE IN | ICE | 45866F104 | 815,307 | 81,962,812.71 | 0.96 |
| 33 | SYNOPSYS INC | SNPS | 871607107 | 388,344 | 81,921,166.80 | 0.96 |
| 34 | ZSCALER INC | ZS | 98980G102 | 610,919 | 81,032,296.16 | 0.95 |
| 35 | XILINX INC | XLNX | 983919101 | 783,051 | 80,521,134.33 | 0.94 |
| 36 | FACEBOOK INC-CLASS A | FB | 30303M102 | 294,331 | 80,181,651.02 | 0.94 |
| 37 | TWIST BIOSCIENCE CORP | TWST | 90184D100 | 1,258,101 | 77,649,993.72 | 0.91 |
| 38 | DOCUSIGN INC | DOCU | 256163106 | 374,630 | 75,682,752.60 | 0.89 |
| 39 | SYROS PHARMACEUTICALS INC | SYRS | 87184Q107 | 6,584,679 | 68,480,661.60 | 0.80 |
| 40 | NINTENDO CO LTD-UNSPONS ADR | NTDOY | 654445303 | 924,666 | 66,002,659.08 | 0.77 |
| 41 | TENCENT HOLDINGS LTD-UNS ADR | TCEHY | 88032Q109 | 634,268 | 43,751,806.64 | 0.51 |
| 42 | SEA LTD-ADR | SE | 81141R100 | 278,179 | 41,724,068.21 | 0.49 |
| 43 | EXONE CO/THE | XONE | 302104104 | 2,485,748 | 37,534,794.80 | 0.44 |
| 44 | TERADYNE INC | TER | 880770102 | 358,809 | 27,700,054.80 | 0.32 |
| 45 | PACIFIC BIOSCIENCES OF CALIF | PACB | 69404D108 | 3,523,673 | 25,793,286.36 | 0.30 |
| 46 | MORGAN STANLEY GOVT INSTL 8035 | | X9USDMORS | 24,177,336 | 24,177,335.91 | 0.28 |
| 47 | ORGANOVO HOLDINGS INC | ONVO | 68620A203 | 842,573 | 6,437,257.72 | 0.08 |

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