

**DATE:** January 09, 2018

**TO:** MIAX PEARL Members

**FROM:** MIAX PEARL Regulatory Department

**RE:** Market for Underlying Security used for Openings on MIAX PEARL for Symbol QGEN Effective Wednesday, January 10, 2018

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The following underlying symbol will transfer primary listing from the Nasdaq Global Select Market to the New York Stock Exchange (“NYSE”) effective Wednesday, January 10, 2018, and, as set forth in MIAX PEARL Rule 503(a)(3), MIAX PEARL shall use the exchange identified below as the “market for the underlying security” for purposes of Openings on the Exchange.

| Underlying Symbol | Security Name | Exchange for Opening |
|-------------------|---------------|----------------------|
| QGEN              | QIAGEN, NV    | NYSE                 |

Please direct any questions to the Regulatory Department at [Regulatory@MIAXOptions.com](mailto:Regulatory@MIAXOptions.com) or (609) 897-7309.