# Audio Description & Audio Transcript –210011.3043\_Delta\_Variant\_Social\_Media\_Video [v8].mp4

| **Time marker(h:m:s)** | **Images shown on screen** | **Text shown on screen** | **Dialogue Transcript** |
| --- | --- | --- | --- |
| 0:00:00 | HHS/CDC logo.Project Firstline logo. | How did the DELTA VARIANT develop? | This video has no audio. |
| 0:00:06 | A stylized COVID-19 virus particle appears centered on the screen, spherical and studded with receptors. A cutaway in the upper portion appears, revealing a DNA helix. | Viruses have genes that carry instructions for making new copies of themselves.  |  |
| 0:00:10 | The virus particle recedes slightly, and an identical particle slides out from underneath it. An arrow points from the original to the new one, which is labeled “Copy.” | Every new copy contains those instructions as well.  |  |
| 0:00:15 | The particle labeled “Copy” floats away off screen. The original particle remains in place. | Sometimes mistakes happen during the copying process. |  |
| 0:00:20 | A second virus particle slides out from underneath the original. This copy has a red dot at the tip of each receptor, and one strand of its DNA helix is colored red. It is labeled “Variant.” | When the instructions are copied wrong, the new virus is slightly different.The mistakes are included in the virus’ genes that carry the instructions.  |  |
| 0:00:28 | The copy turns solid black. | Some mistakes make it so the virus can’t function and it’s a dead end. |  |
| 0:00:34 | Another virus particle slides out from underneath the original. This copy has a yellow chevron at the tip of each receptor, and one strand of its DNA helix is colored yellow. It is labeled “Variant.” | If the new virus is still able to function, even with the mistake, a new variant develops.  |  |
| 0:00:36 | Multiple copies of this variant slide out from underneath it and float away.  | All of the copies from that virus carry that mistake. |  |
| 0:00:41 | The original virus particle floats out of view and the yellow Variant zooms to center. | That’s how virus variants develop, including the Delta variant of SARS-CoV-2, COVID-19.  |  |
| 0:00:46 | HHS/CDC logo.Project Firstline logo. | For more information cdc.gov/ProjectFirstline |  |