

## **Decision Tree for when to File an IBC Disclosure for Recombinant or Synthetic Nucleic Acids (r/sNA)**

**1. Do the recombinant or synthetic nucleic acids code for any portion of a toxin or select agent?**

YES  NO

**2. Do the recombinant or synthetic nucleic acids have the potential to replicate in a cell or integrate into the cell's DNA?**

YES  NO

**3. Will the recombinant or synthetic nucleic acids be modified to make them capable of penetrating a cell membrane?**

YES  NO

**4. Are you working with a genetically modified organism (e.g. animal, plant, insect, microb)?**

YES  NO

**If you have answered yes to any of the questions above, an IBC disclosure will be required.**

**5a. Will the recombinant or synthetic nucleic acids be inserted into a cell?**

YES  NO

**5b. If the recombinant or synthetic nucleic acids will be inserted into cells, is it exclusively siRNA or shRNA (not encoded by a gene)?**

YES  NO

**If you have answered YES to 5a and NO to 5b, then an IBC disclosure is required.**