CLAIMS

1. An extracellular vesicle comprising a single-stranded antisense oligonucleotide (ASO) that inhibits KRAS, wherein the ASO comprises a sequence having at least about 95% sequence identity to the sequence set forth in SEQ ID NO: 6.

2. The extracellular vesicle of claim 1, wherein the extracellular vesicle is an exosome.

3. The extracellular vesicle of claim 1, wherein the ASO comprises the sequence set forth in SEQ ID NO: 6.

4. The extracellular vesicle of claim 1, further comprising an additional immunomodulating component.

5. The extracellular vesicle of claim 4, wherein the additional immunomodulating component is a small molecule drug, an antibody or active fragment thereof, or a therapeutic protein or active fragment thereof.

6. The extracellular vesicle of claim 5, wherein the antibody or active fragment thereof is an immune checkpoint inhibitor that binds to CTLA-4, PD-1, or PD-L1 or an inhibitor that binds to CSF1-R.

7. The extracellular vesicle of claim 6, wherein the antibody or active fragment thereof comprises CDRs that are at least 95% identical to the CDRs of Ipilimumab, or at least 95% identical to the CDRs of Nivolumab, or at least 95% identical to the CDRs of Cemiplimab, or at least 95% identical to the CDRs of Pembrolizumab, or at least 95% identical to the CDRs of Atezolizumab, or at least 95% identical to the CDRs of Avelumab, or at least 95% identical to the CDRs of Durvalumab, or at least 95% identical to the CDRs of Pexidartinib, or at least 95% identical to the CDRs of PLX7486, or at least 95% identical to the CDRs of ARRY-382, or at least 95% identical to the CDRs of JNJ-40346527, or at least 95% identical to the CDRs of BLZ945, or at least 95% identical to the CDRs of Emactuzumab, or at least 95% identical to the CDRs of AMG820, or at least 95% identical to the CDRs of IMC-CS4, or at least 95% identical to the CDRs of Cabiralizumab; or wherein the antibody or active fragment thereof is at least one antibody selected from the group consisting of Ipilimumab, Nivolumab, Cemiplimab, Pembrolizumab,

Atezolizumab, Avelumab, Durvalumab, Pexidartinib, PLX7486, ARRY-382, JNJ-40346527, BLZ945, Emactuzumab, AMG820, IMC-CS4 and Cabiralizumab.

8. The extracellular vesicle of claim 5, further comprising PTGFRN or a fragment thereof, wherein the antibody or fragment thereof is fused to the PTGFRN or fragment thereof.

9. A pharmaceutical composition comprising the extracellular vesicle of claim 1.