

<b>Genes of interest</b>	<b>Group of Genes and Gene information</b>	<b>AK0 compared to US0</b>	<b>US2 compared to US0</b>	<b>AK2 compared to AK0</b>
miR-150	<i>Inflammation, innate immunity</i> [Zidar et al., 2010]	↑ NS (0.3)	↑*** (2.4)	↑** (2.2)
miR-31	<i>Inflammation, negatively regulate FOXP3</i> [Divekar et al., 2011]	↑*** (7.2)	↑*** (5.3)	NS (0.3)
miR-31*	-	↑* (7.7)	↑ NS (1.2)	↑ NS (1.1)
miR-211	<i>SCC oncogene</i> [Chu et al., 2013]	↑** (1.4)	↓** (-0.7)	↓* (-0.9)
miR-21	<i>Chronic inflammation</i> [Zibert et al., 2010]	↑** (1.1)	↑* (1.6)	↑* (0.7)
miR-142-3p	<i>Chronic inflammation</i> [Makino et al., 2012]	↓ NS (-0.7)	↑** (2.4)	↑** (1.7)
miR-10a	<i>Reduced levels critical for Treg function</i> [Kelada et al., 2013]	↓** (-2.0)	↓ NS (-0.4)	↓ NS (-0.2)
miR-205	<i>Epidermal differentiation</i> [Nissan et al., 2011]	↓ NS (-0.0)	↓*** (-0.6)	↓* (-0.5)
miR-203	<i>Epidermal differentiation</i> [Yi et al., 2008]	↓ NS (-0.3)	↓* (-0.4)	↓* (-0.5)
miR-193b	<i>Negatively regulate wound healing</i> [Noh et al., 2011; Dayem et al., 2003]	↓** (-0.6)	↓ NS (-0.2)	↓*** (-0.6)
miR-200a	-	↑ NS (0.3)	↓ NS (-2.2)	↑ NS (0.0)