Mutational signature analysis SCKM metastatic tumor 100 -75 **-**Contribution 50 **-**25 -\$9 \$10 \$11 \$12 \$13 \$14 \$15 \$16 \$17 \$18 \$19 \$20 \$21 \$22 \$23 \$24 \$25 \$26 \$27 \$28 \$29 \$30nknown

Signatures