

## SUPPLEMENTAL TABLE 6

Enriched functional annotations (GO BP level 3) among the 1270 transcripts regulated in HaCaT cells upon <sup>131</sup>I-exposure

Term	Count	%	P-Value	Benjamini
cell cycle	73	8	3.00E-12	8.10E-10
cell division	25	2.7	3.80E-07	5.10E-05
macromolecule metabolism	256	28	5.20E-07	4.60E-05
primary metabolism	369	40.4	4.80E-05	3.20E-03
cell organization and biogenesis	94	10.3	1.20E-04	6.50E-03
cell proliferation	42	4.6	1.70E-04	7.50E-03
cellular metabolism	376	41.1	1.90E-04	7.40E-03
regulation of cellular physiological process	176	19.3	6.10E-04	2.00E-02
DNA methylation	5	0.5	6.90E-03	1.90E-01
response to DNA damage stimulus	19	2.1	2.30E-02	4.70E-01
response to chemical stimulus	26	2.8	2.40E-02	4.50E-01
regulation of transferase activity	12	1.3	2.70E-02	4.60E-01
regulation of metabolism	126	13.8	3.00E-02	4.60E-01
regulation of hydrolase activity	8	0.9	3.80E-02	5.20E-01
cell motility	17	1.9	4.20E-02	5.30E-01
localization of cell	17	1.9	4.20E-02	5.30E-01
cellular localization	36	3.9	4.30E-02	5.00E-01
catabolism	36	3.9	6.00E-02	6.00E-01
nitrogen compound metabolism	24	2.6	6.90E-02	6.40E-01
taxis	10	1.1	7.90E-02	6.70E-01
locomotory behavior	10	1.1	9.50E-02	7.20E-01
cell death	32	3.5	9.70E-02	7.10E-01
negative regulation of physiological process	36	3.9	9.90E-02	7.00E-01