

Inputs																					
Clock	1'h1																				
A	64'h5451f2995a6e3b27	159f250bfd600592	70dc289a375b3f2d	7a78943894378f7f	acfe077b08cfe998	14e791f4a8b5db68	d535ac1d09627858	42b82849276eeea0	7ff9e1cdf04cdb1e	c6f3ecdeddff69419	a7ed6d63c90593ea										
B	64'he828dee5e753556a	a303ad87da430a67	4de99c4bf3ddee2b	ccd10fc2e914a7ab	200a499c499e829d	8f721fa1980bea71	10ed6791a4d1f2c5	92a215c1964a1967	037cd45d0aa9b02f	5d007fb04d0c89a2	c485acc1ab43edbd										
Output																					
Unsigned Out	128'h4c77ba13abca6b0a39cbe38669ed7126	0dc4a41c16dcee4c5a7e0e967b0ff1be	2259357efbc3848fed97864a61e8728f	61fc1a1867de8bce78c03fab0ca4b2d5	15a6b499b89686fc93487b7c7ff17238	0bb6ac3be5ea99985b90ddb2e04ae8e8	0e1913b40c63402cc562358bee61cbb8	2637452ec617cf226bbcc6cb6d2fa260	01be54d83bab7576d45d1f35c78eda82	48470048fcb919c79552f41be17718d2	80e9776cca965f975e1b3572974bd5c2										
TC Output	128'hf825c77a515c2fe339cbe38669ed7126	f8257f10197ce8ba5a7e0e967b0ff1be	2259357efbc3848fed97864a61e8728f	e78385dfd3a6fc4f78c03fab0ca4b2d5	f59c6afd6ef8045f93487b7c7ff17238	f6cf1a473d34be305b90ddb2e04ae8e8	fd2bac2267914d67c562358bee61cbb8	e37f1ce59ea8e0826bbcc6cb6d2fa260	01be54d83bab7576d45d1f35c78eda82	eb468098afac90259552f41be17718d2	14765d47564cddf05e1b3572974bd5c2										
Golden Vectors																					
Unsigned Out	128'h4c77ba13abca6b0a39cbe38669ed7126	0dc4a41c16dcee4c5a7e0e967b0ff1be	2259357efbc3848fed97864a61e8728f	61fc1a1867de8bce78c03fab0ca4b2d5	15a6b499b89686fc93487b7c7ff17238	0bb6ac3be5ea99985b90ddb2e04ae8e8	0e1913b40c63402cc562358bee61cbb8	2637452ec617cf226bbcc6cb6d2fa260	01be54d83bab7576d45d1f35c78eda82	48470048fcb919c79552f41be17718d2	80e9776cca965f975e1b3572974bd5c2										
TC Output	128'hf825c77a515c2fe339cbe38669ed7126	f8257f10197ce8ba5a7e0e967b0ff1be	2259357efbc3848fed97864a61e8728f	e78385dfd3a6fc4f78c03fab0ca4b2d5	f59c6afd6ef8045f93487b7c7ff17238	f6cf1a473d34be305b90ddb2e04ae8e8	fd2bac2267914d67c562358bee61cbb8	e37f1ce59ea8e0826bbcc6cb6d2fa260	01be54d83bab7576d45d1f35c78eda82	eb468098afac90259552f41be17718d2	14765d47564cddf05e1b3572974bd5c2										