Table: Testing report of running “Manticore” on the benchmarks

Smart contracts(SCs)	**Having bugs?**	
	Result by running Manticore(Y/N)	**Real bugs in these SCs**
Proxy. sol	Potentially reading uninitialized memory at instruction Delegatecall to user controlled address Delegatecall to user controlled function	Unlocked Pragma
RToken.sol	“Solidity failed to generate bytecode, Check if all the abstract functions are implemented.”	Unlocked Pragma, Unchecked Return Value, Integer overflow / underflow, Use of Experimental Features in Production, etc.
MainframeStake.sol	“Solidity failed to generate bytecode”	Unlocked Pragma
tokensalechallenge.sol	“Timeout error”	Integer overflow/underflow
StakeInterface.sol	“Solidity failed to generate bytecode”	No bugs
RTokenStructs.sol	No bugs	Unlocked Pragma
RTokenStorage.sol	“Solidity failed to generate bytecode”	Unlocked Pragma, Use of Experimental Features in Production
ReentrancyGuard.sol	“Solidity failed to generate bytecode”	Unlocked Pragma
Proxiable.sol	No bugs	Unlocked Pragma
Ownable.sol	“Solidity failed to generate bytecode”	Unlocked Pragma
modifier_reentrancy.sol	'SolverError('Timeout',)'	Reenterency
MainframeTokenDistribution.sol	“Solidity failed to generate bytecode”	No bugs
MainframeToken.sol	“Solidity failed to generate bytecode”	No bugs
Lockdrop.sol	Warning TIMESTAMP instruction used Reachable ether leak to sender via argument Unsigned integer overflow at ADD instruction	Unexpected Ether balance
LibraryLock.sol	“Solidity failed to generate bytecode”	Unlocked Pragma
IRTokenAdmin.sol	An initialization bytecode is needed for a CREATE (“IRTokenAdmin” is an interface)	Unlocked Pragma
IRToken.sol	An initialization bytecode is needed for a CREATE	Unlocked Pragma
IAllocationStrategy.sol	An initialization bytecode is needed for a CREATE	Unlocked Pragma
guess_the_random_number.sol	“Failed to create contract: exception in constructor”	Weak Randomness
dos_simple.sol	No bugs	DoS
dos_number.sol	'SolverError('Timeout',)'	DoS
dos_address.sol	“Timeout”	DoS
CompoundAllocationStrategy.sol	“Solidity failed to generate bytecode”	Unlocked Pragma

Table: Testing report of running “Manticore” on the benchmarks

Casino.sol	“Segmentation fault (core dumped)”	Over Flow Reordering attack, etc.
send_loop.sol	“Solidity failed to generate bytecode”	DoS with Failed Call