

Benchmark Tests (Direct)									
Test Name	Action Name	Blur	Foundation	LooksRare	Seaport 1.4	Seaport 1.1	sudoswap	X2Y2	ZeroEx
ERC721 -> ETH List-On-Chain	List	✗	74337(+122%)	✗	41445(+24%)	36438(+9%)	96681(+189%)	✗	33474
	Fulfill	✗	91250(+81%)	✗	53828(+7%)	55524(+10%)	50363	✗	56953(+13%)
ERC721 -> ETH	Fulfill, w/ Sig	232987(+216%)	✗	167731(+127%)	73798	75076(+2%)	✗	120414(+63%)	74331(+1%)
ERC1155 -> ETH List-On-Chain	List	✗	✗	✗	34945(+17%)	29938	✗	✗	34010(+14%)
	Fulfill	✗	✗	✗	50412	52117(+3%)	✗	✗	56149(+11%)
ERC1155 -> ETH	Fulfill, w/ Sig	✗	✗	129780(+74%)	74382	75669(+2%)	✗	✗	75523(+2%)
ERC721 -> WETH List-On-Chain	List	✗	✗	✗	34945(+17%)	29938	✗	✗	31474(+5%)
	Fulfill	✗	✗	✗	60485	61948(+2%)	✗	✗	80612(+33%)
ERC721 -> WETH	Fulfill, w/ Sig	185023(+120%)	✗	102340(+22%)	84455	85500(+2%)	✗	139261(+66%)	84090
ERC721 -> ERC20 List-On-Chain	List	✗	✗	✗	34945(+17%)	29938	94684(+216%)	✗	31474(+5%)
	Fulfill	✗	✗	✗	60337	61800(+2%)	77802(+29%)	✗	80431(+33%)
ERC721 -> ERC20	Fulfill, w/ Sig	✗	✗	102192(+22%)	84307	85352(+2%)	✗	138750(+65%)	83909
ERC1155 -> ERC20 List-On-Chain	List	✗	✗	✗	34945(+17%)	29938	✗	✗	32010(+7%)
	Fulfill	✗	✗	✗	61032	62507(+2%)	✗	✗	61727(+1%)
ERC1155 -> ERC20	Fulfill w/ Sig	✗	✗	103541(+22%)	85002	86059(+1%)	✗	✗	85101
ERC20 -> ERC721 List-On-Chain	List	✗	✗	✗	34945(+52%)	29938(+30%)	22946	✗	31474(+37%)
	Fulfill	✗	✗	✗	60464	61936(+2%)	64088(+6%)	✗	82624(+37%)
ERC20 -> ERC721	Fulfill w/ Sig	✗	✗	102189(+22%)	84434	85488(+2%)	✗	136803(+63%)	84102
WETH -> ERC721 List-On-Chain	List	✗	✗	✗	34945(+17%)	29938	✗	✗	31474(+5%)
	Fulfill	✗	✗	✗	60612	62084(+2%)	✗	✗	80772(+33%)
WETH -> ERC721	Fulfill w/ Sig	183023(+117%)	✗	102337(+21%)	84582	85636(+2%)	✗	137314(+63%)	84250
ERC20 -> ERC1155 List-On-Chain	List	✗	✗	✗	34945(+17%)	29938	✗	✗	32010(+7%)
	Fulfill	✗	✗	✗	61088	62560(+2%)	✗	✗	64043(+5%)
ERC20 -> ERC1155	Fulfill w/ Sig	✗	✗	103555(+22%)	85058	86112(+1%)	✗	✗	85417
ERC721 -> ERC1155 List-On-Chain	List	✗	✗	✗	34945(+17%)	29938	✗	✗	✗
	Fulfill	✗	✗	✗	68215	70967(+4%)	✗	✗	✗
ERC721 -> ERC1155	Fulfill w/ Sig	✗	✗	✗	91950	94580(+3%)	✗	✗	✗
ERC1155 -> ERC721 List-On-Chain	List	✗	✗	✗	34945(+17%)	29938	✗	✗	✗
	Fulfill	✗	✗	✗	68215	70967(+4%)	✗	✗	✗
ERC1155 -> ERC721	Fulfill w/ Sig	✗	✗	✗	91950	94580(+3%)	✗	✗	✗
ERC721 -> ETH One-Fee-Recipient List-On-Chain	List	✗	50537(+65%)	✗	37088(+21%)	30646	✗	✗	34418(+12%)
	Fulfill	✗	101978(+22%)	✗	83440	85277(+2%)	✗	✗	104645(+25%)
ERC721 -> ETH One-Fee-Recipient	Fulfill w/ Sig	✗	✗	✗	109409(+1%)	110829(+3%)	✗	134893(+25%)	108124
ERC721 -> ETH Two-Fee-Recipient List-On-Chain	List	✗	✗	✗	39232(+25%)	31359	✗	✗	37904(+21%)
	Fulfill	✗	✗	✗	117052	119029(+2%)	✗	✗	138982(+19%)
ERC721 -> ETH Two-Fee-Recipient	Fullfil /w Sig	✗	✗	✗	141021	142581(+1%)	✗	168612(+20%)	142461(+1%)
ERC721x10 -> ETH List-On-Chain	List	✗	✗	✗	51485(+45%)	35449	570194(+1508%)	✗	✗
	Fulfill	✗	✗	✗	140569(+14%)	147027(+19%)	123818	✗	✗
ERC721x10 -> ETH	Fulfill /w Sig	✗	✗	✗	146305	152641(+4%)	✗	176512(+21%)	✗
ERC721x10 -> ETH Distinct Orders List-On-Chain	List	✗	✗	✗	338008(+16%)	290235	956788(+230%)	✗	✗
	Fulfill	✗	✗	✗	348102	405732(+17%)	386803(+11%)	✗	✗
ERC721x10 -> ETH Distinct Orders	Fulfill /w Sigs	1324466(+232%)	✗	✗	581560(+46%)	638007(+60%)	✗	694789(+74%)	398542
ERC721x10 -> ERC20 Distinct Orders List-On-Chain	List	✗	✗	✗	338008(+16%)	290235	✗	✗	✗
	Fulfill	✗	✗	✗	356151	413748(+16%)	✗	✗	✗
ERC721x10 -> ERC20 Distinct Orders	Fulfill /w Sigs	✗	✗	✗	591609(+66%)	648023(+82%)	✗	933099(+162%)	355522
ERC721x10 -> WETH Distinct Orders List-On-Chain	List	✗	✗	✗	338008(+16%)	290235	✗	✗	✗
	Fulfill	✗	✗	✗	356299	413896(+16%)	✗	✗	✗
ERC721x10 -> WETH Distinct Orders	Fulfill /w Sigs	1288262(+261%)	✗	✗	591757(+66%)	648171(+81%)	✗	937909(+162%)	357332
ERC721 A -> B -> C -> A	Fulfill /w Sigs	✗	✗	✗	193545	206132(+7%)	✗	✗	✗